CLAIMS

~~1. A carrier (a Tim carrier) on which a protein (a Tim protein), selected from a T-cell immunoglobulin and mucin domain-containing molecule-4 (a Tim-4) protein, a T-cell immunoglobulin and mucin domain-containing molecule-3 (a Tim-3) protein, and a T-cell immunoglobulin and mucin domain-containing molecule-1 (a Tim-1) protein, is bound.~~

~~2. The Tim carrier according to claim 1, which is for capturing an extracellular membrane vesicle or a virus.~~

~~3. The Tim carrier according to claim 1, wherein the Tim protein comprises an IgV domain.~~

~~4~~1. A method for obtaining an extracellular membrane vesicle ~~or a virus~~ in a sample, comprising the following steps:

(1) a step for forming a complex of a Tim-4 protein bound to a carrier, and the extracellular membrane vesicle ~~or the virus~~ in a sample, in the presence of a calcium ion (complex formation step),

(2) a step for separating the complex and the sample (complex separation step),

(3) a step for separating the extracellular membrane vesicle ~~or the virus~~ from the complex to obtain the extracellular membrane vesicle ~~or the virus~~ (obtaining step).

~~5~~2. The method according to claim ~~4~~1, wherein the complex formation step is a step for forming the complex of the Tim-4 protein bound to the carrier, and the extracellular membrane vesicle ~~or the virus~~ in the sample, by contacting the Tim-4 carrier and the extracellular membrane vesicle ~~or the virus~~ in the sample, in the presence of the calcium ion.

~~6~~3. The method according to claim ~~4~~1, wherein the complex formation step is a step for forming the complex of the Tim-4 protein bound to the carrier, and the extracellular membrane vesicle ~~or the virus~~ in the sample, by contacting the Tim-4 protein, the carrier and the extracellular membrane vesicle ~~or the virus~~ in the sample, in the presence of the calcium ion.

~~7~~4. The method according to any one of claims ~~4~~1-3, wherein the obtaining step is carried out using a protein denaturing agent.

~~8~~5. The method according to any one of claims ~~4~~1-3, wherein the obtaining step is carried out using a calcium ion chelating agent.

~~9~~6. The method according to any one of claims ~~4~~1-5, wherein the Tim-4 protein comprises an IgV domain.

~~10. A method for removing an extracellular membrane vesicle or a virus in a sample, comprising the following steps:~~

~~(1) a step for forming a complex of a Tim protein bound to a carrier, and the extracellular membrane vesicle or the virus in a sample, in the presence of a calcium ion (complex formation step),~~

~~(2) a step for separating the complex and the sample (complex separation step).~~

~~11. The method according to claim 10, wherein the complex formation step is a step for forming the complex of the Tim protein bound to the carrier, and the extracellular membrane vesicle or the virus in the sample, by contacting the Tim carrier and the extracellular membrane vesicle or the virus in the sample, in the presence of the calcium ion.~~

~~12. The method according to claim 10, wherein the Tim protein comprises an IgV domain.~~

~~13. A method for detecting an extracellular membrane vesicle or a virus in a sample, comprising the following steps:~~

~~(1) a step for forming a complex of a Tim protein bound to a carrier, and the extracellular membrane vesicle or the virus in the sample, in the presence of a calcium ion (complex formation step),~~

~~(2) a step for detecting the complex (detection step).~~

~~14. The method according to claim 13, wherein the method for detecting the extracellular membrane vesicle or the virus is an ELISA method or a flow cytometry method.~~

~~15. The method according to claim 13, wherein the Tim protein comprises an IgV domain.~~

~~16. The method according to claim 13, wherein the carrier binds to the Tim protein via an SH-group of the Tim protein.~~

~~17~~7. A kit for capturing an extracellular membrane vesicle ~~or a virus~~ comprising a Tim-4 carrier, and the protein denaturing agent-containing solution or the calcium ion chelating agent-containing solution.

~~188~~. A kit for capturing an extracellular membrane vesicle ~~or a virus~~ comprising a reagent containing a Tim-4 protein, ~~and~~ a reagent containing a carrier, and the protein denaturing agent-containing solution or the calcium ion chelating agent-containing solution.