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(54) Title: COMPOSITIONS AND METHODS USEFUL FOR THE PREVENTION AND/OR TREATMENT OF DISEASE IN MAMMALS

(57) Abstract: Novel methods and pharmaceutical composition or medicaments are described for protecting a subject against, or treating a subject suffering from, disease characterised by viral infection and/or diseases associated with immune system disorder and/or viral cancers, by raising the levels of Ksp37 in the blood plasma of the subject to a therapeutically effective concentration level. According to the invention, a therapeutically effective amount of one or more of; a clinically modified or genetically engineered Ksp37 protein and/or proteins having a molecular weight in the range ranging from 24 kDa to 45 kDa, and/or a vector encoded with a KSP37 gene which will translate to a Ksp37 protein and/or proteins having a molecular weight in the range ranging from 24 kDa to 45 kDa, and/or a polar compound are administered to a subject.



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