

Recombinant Human HSPA1A

Catalog No: #GP10488



Package Size: #GP10488-1 100ug

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Description

Product Name	Recombinant Human HSPA1A
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 531-641 amino acids of human heat shock 70kDa protein 1A
Target Name	heat shock 70kDa protein 1A
Other Names	HSP72, HSPA1, HSP70I, HSP70-1, HSP70-1A
Accession No.	Swissprot:P0DMV8Gene Accession:BC009322
Uniprot	P0DMV9
GenID	3303;3304;
Storage	-20~-80°C, pH 7.6 PBS

Background

This intronless gene encodes a 70kDa heat shock protein which is a member of the heat shock protein 70 family. In conjunction with other heat shock proteins, this protein stabilizes existing proteins against aggregation and mediates the folding of newly translated proteins in the cytosol and in organelles. It is also involved in the ubiquitin-proteasome pathway through interaction with the AU-rich element RNA-binding protein 1. The gene is located in the major histocompatibility complex class III region, in a cluster with two closely related genes which encode similar proteins.

References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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