

Recombinant Human DNAJA4

Catalog No: #GP13553



Package Size: #GP13553-1 100ug

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Description

Product Name	Recombinant Human DNAJA4
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 86-285 amino acids of human DNAJA4
Target Name	DnaJ heat shock protein family (Hsp40) member A4
Other Names	MST104; MSTP104; PRO1472
Accession No.	Swissprot:Q8WW22Gene Accession:BC031044
Uniprot	Q8WW22
GeneID	55466;
Storage	-20~-80°C, pH 7.6 PBS

Background

The DnaJ family is one of the largest of all the chaperone families and has evolved with diverse cellular localization and functions. The presence of the J domain defines a protein as a member of the DnaJ family. DnaJ heat shock induced proteins are from the bacterium *Escherichia coli* and are under the control of the *htpR* regulatory protein. The DnaJ proteins play a critical role in the HSP 70 chaperone machine by interacting with HSP 70 to stimulate ATP hydrolysis. The proteins contain cysteine rich regions that are composed of zinc fingers that form a peptide binding domain responsible for the chaperone function. DnaJ proteins are important mediators of proteolysis and are involved in the regulation of protein degradation, exocytosis and endocytosis. DnaJA4 (DnaJ homolog subfamily A member 4) is a SREBP-regulated chaperone that is thought to regulate the cholesterol biosynthesis pathway.

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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