

Recombinant Human HLA-E

Catalog No: #GP13349



Package Size: #GP13349-1 100ug

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Description

Product Name	Recombinant Human HLA-E
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 22-221 amino acids of human HLA-E
Target Name	major histocompatibility complex, class I, E
Other Names	QA1; HLA-6.2
Accession No.	Swissprot:P13747Gene Accession:BC002578
Uniprot	P13747
GeneID	3133;
Storage	-20~-80°C, pH 7.6 PBS

Background

HLA-E belongs to the HLA class I heavy chain paralogues. This class I molecule is a heterodimer consisting of a heavy chain and a light chain (beta-2 microglobulin). The heavy chain is anchored in the membrane. HLA-E binds a restricted subset of peptides derived from the leader peptides of other class I molecules. The heavy chain is approximately 45 kDa and its gene contains 8 exons. Exon one encodes the leader peptide, exons 2 and 3 encode the alpha1 and alpha2 domains, which both bind the peptide, exon 4 encodes the alpha3 domain, exon 5 encodes the transmembrane region, and exons 6 and 7 encode the cytoplasmic tail.

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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