

HLA-E 抗原（重组蛋白）

中文名称：HLA-E 抗原（重组蛋白）

英文名称：HLA-E Antigen (Recombinant Protein)

别名：QA1; HLA-6.2

储存：冷冻（-20℃）

相关类别：抗原

概述：

Fusion protein corresponding to a region derived from 22-221 amino acids of human HLA-E

技术规格：

Full name:	major histocompatibility complex, class I, E
Synonyms:	QA1; HLA-6.2
Swissprot:	P13747
Gene Accession:	BC002578
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
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.