

Recombinant Human MHC protein, GST-tagged

Cat. No. MHC-301402H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MHC (72-200 aa) protein, fused to GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Trp72-Leu200
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
AA Sequence	WMEQEGSEYWDRETRSARDTAQIFRVNLRTRLRGYYNQSEAGSHTLQWMHGCELG PDRRFLRGYEQFAYDGKDYLTLNEDLRSWTAVDTAAQISEQKSNDASEAEHQRAYL EDTCVEWLHKYLEKGKETL
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Stability	Store for up to 12 months at -20°C to -80°C as lyophilized powder.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

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GENE INFORMATION

Gene Name	HLA-E major histocompatibility complex, class I, E [Homo sapiens (human)]
Official Symbol	MHC
Synonyms	HLA-E; QA1; HLA-6.2
Gene ID	3133
mRNA Refseq	NM_005516
Protein Refseq	NP_005507
MIM	143010
UniProt ID	P13747

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