

Major Histocompatibility Complex Class I E (MHCE) Recombinant Protein | MHCE recombinant protein

Recombinant Major Histocompatibility Complex Class I E (MHCE)

CATALOG # AAA134380	HOST E Coli	APPLICATIONS Immunoprecipitation, ELISA, Western Blot, SDS-Page
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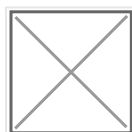
PRODUCT SYNONYMS

Major Histocompatibility Complex Class I E (MHCE); Recombinant Major Histocompatibility Complex Class I E (MHCE); MHCE recombinant protein

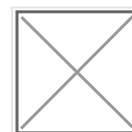
PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 95%
Form/Format	Supplied as lyophilized form in PBS,pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Sequence	The target protein is fused with two N-terminal Tags, His-tag and T7-tag, its sequence is listed below. MGSSHHHHH HSSGLVPRGS HMASMTGGQQ MGRGSEF-QF AYDGKDYLT NEDLRWTAV DTAQISEQK SNDASEAEHQ RAYLEDTCVE WLHKYLEKGK ETLHLPEPK THVTHHPISD HEATLRWAL GFYPAEITLT WQQDGEHTQ DTELVEPTRPA GDGTFQKWAA VVPSGEEQR YTCHVQHEGL PEPVTLRWKP ASQPTPIVG IIAGLVLLGS VVSGAVVAIV IWRKKSSGGK GGSYSKAEWS DSA
Sequence Length	358
Applicable Applications for MHCE recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Organism	Homo sapiens (Human)
Expression System	Prokaryotic expression
Residues	Gln136~Ala350 (Accession # P13747) with two N-terminal Tags, His-tag and T7-tag
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
Preparation and Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

IMAGES



Application Data



SDS-PAGE



Sequence

NCBI AND UNIPROT INFORMATION

NCBI GI #	62912479
NCBI GeneID	3133
NCBI Accession #	NP_005507.3
NCBI GenBank Nucleotide #	NM_005516.5
UniProt Accession #	P13747; Q30169; Q9BT83; Q9GIY7; Q9GIY8
Molecular Weight	27.6kDa
NCBI Official Full Name	HLA class I histocompatibility antigen, alpha chain E
NCBI Official Synonym Full Names	major histocompatibility complex, class I, E
NCBI Official Symbol	HLA-E
NCBI Official Synonym Symbols	MHC; QA1; EA1.2; EA2.1; HLA-6.2
NCBI Protein Information	HLA class I histocompatibility antigen, alpha chain E; MHC HLA-E alpha-1; lymphocyte antigen; MHC HLA-E alpha-2.1; MHC class I antigen E; HLA class I histocompatibility antigen, E alpha chain
UniProt Protein Name	HLA class I histocompatibility antigen, alpha chain E
UniProt Gene Name	HLA-E
UniProt Synonym Gene Names	HLA-6.2; HLAE
UniProt Entry Name	HLAE_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/hla-e-recombinant-protein-e-coli-ip-immunoprecipitation-elisa-wb-western-blot-sds-page/134380>