

## Recombinant Human HLA-E protein, His&Myc-tagged

Cat. No. HLA-E-2276H Lot. No. (See product label)

### SPECIFICATION

|                         |   |
|-------------------------|---|
| <b>Product Overview</b> | Recombinant Human HLA-E protein(P13747)(22-305aa), fused to N-terminal His tag and C-terminal Myc tag, was expressed in Insect Cell.  |
| <b>Species</b>          | Human   |
| <b>Source</b>           | Insect Cells  |
| <b>ProteinLength</b>    | 22-305aa  |
| <b>Form</b>             | If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol.<br>If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.   |
| <b>Molecular Mass</b>   | 36.7 kDa  |
| <b>AA Sequence</b>      | GSHSLKYFHTSVSRPGRGEPFRFISVGYVDDTQFVRFNDNAASPRMVPRAPWMEQE<br>GSEYWDRETRSARDTAQIFRVNLRRLRGYYNQSEAGSHTLQWMHGCELGPDRRFL<br>RGYEQFAYDYGKDYLLNEDLRSWTAVDTAAQISEQKSNDAEAEHQRAYLEDTCVE<br>WLHKYLEKGGKETLLHLEPPKTHVTHHPISDHEATLRCWALGFYPAEITLTWQQDGEG<br>HTQDTELVETRPAGDGTFFQKWA AVVVPSGEEQRYTCHVQHEGLPEPVTLRWKPAS<br>QPTIPI |
| <b>Purity</b>           | Greater than 85% as determined by SDS-PAGE.   |

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|-------------------------|--|
| <b>Storage</b>          | Store at -20°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.   |
| <b>Reconstitution</b>   | Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.     |
| <b>GENE INFORMATION</b> |  |
| <b>Gene Name</b>        | HLA-E major histocompatibility complex, class I, E [ Homo sapiens ]  |
| <b>Official Symbol</b>  | HLA-E  |
| <b>Synonyms</b>         | HLA-E; major histocompatibility complex, class I, E; 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; MHC; QA1; EA1.2; EA2.1; HLA-6.2; DKFZp686P19218; |
| <b>Gene ID</b>          | 3133   |
| <b>mRNA Refseq</b>      | NM_005516  |
| <b>Protein Refseq</b>   | NP_005507  |
| <b>MIM</b>              | 143010   |
| <b>UniProt ID</b>       | P13747   |

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