

## Recombinant Human RAET1E Protein, His-tagged

Cat. No. RAET1E-765H    Lot. No. (See product label)

### SPECIFICATION

|                      |                                                                                                                                                           |
|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Overview     | Recombinant human RAET1E (NP_631904.1) (Met1-Asp225) was expressed with a polyhistidine tag at the C-terminus.                                            |
| Species              | Human                                                                                                                                                     |
| Source               | HEK293                                                                                                                                                    |
| ProteinLength        | 1-225 a.a.                                                                                                                                                |
| Predicted N Terminal | His 31                                                                                                                                                    |
| Form                 | Lyophilized from sterile PBS, pH 7.4, 5% ~ 8% trehalose and mannitol.                                                                                     |
| Molecular Mass       | The recombinant human RAET1E consists 206 amino acids and predicts a molecular mass of 23.8 kDa.                                                          |
| Endotoxin            | < 1.0 EU per µg of the protein as determined by the LAL method.                                                                                           |
| Purity               | >80 % as determined by SDS-PAGE.                                                                                                                          |
| Stability            | Samples are stable for up to twelve months from date of receipt at -70°C.                                                                                 |
| Storage              | Store it under sterile conditions at -20°C~-70°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles. |

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**Reconstitution**

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

**GENE INFORMATION**

**Gene Name** RAET1E retinoic acid early transcript 1E [ Homo sapiens ]

**Official Symbol** RAET1E

**Synonyms** RAET1E; retinoic acid early transcript 1E; NKG2D ligand 4; bA350J20.7; LETAL; ULBP4; RAE-1-like transcript 4; lymphocyte effector toxicity activation ligand; RL-4; N2DL-4; NKG2DL4; RAET1E2; MGC125308; MGC125309;

**Gene ID** 135250

**mRNA Refseq** NM\_001243325

**Protein Refseq** NP\_001230254

**MIM** 609243

**UniProt ID** Q8TD07

**Chromosome Location** 6q24.3

**Pathway** Adaptive Immune System, organism-specific biosystem; Immune System, organism-specific biosystem; Immunoregulatory interactions between a Lymphoid and a non-Lymphoid cell, organism-specific biosystem; Natural killer cell mediated cytotoxicity, organism-specific biosystem; Natural killer cell mediated cytotoxicity, conserved biosystem;

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