

## Recombinant Human RAET1E Protein, His-tagged

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

### SPECIFICATION

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