

Recombinant Human RAET1E Protein, Fc-tagged

Cat. No. RAET1E-764H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human RAET1E (NP_631904.1) (Met1-Asp225) was expressed with the Fc region of human IgG1 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 433 amino acids and predicts a molecular mass of 49.1 kDa.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	>90 % 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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