

Recombinant Human RAET1E Protein, hlgG-His-tagged

Cat. No. RAET1E-209H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human RAET1E(31-225aa) fused with hlgG-His tag at C-terminal was expressed in Insect cells.
Species	Human
Source	Insect Cells
ProteinLength	31-225aa
Description	RAET1E, also known as NKG2D ligand 4 isoform 1, is a member of the RAET1/ULBP family of cell surface protein that function as ligands for NKG2D. This protein is abnormally expressed on most colon cancer and some other tumor cell lines and virus infected peripheral blood cells. It binds and co-stimulates NKG2D expressing effector cells including NK cells, NKT cells, gamma delta T cells, and CD8+ alpha beta T cells, activating cytolytic activity and/or cytokine production. Also, it functions as a stress-induced ligand for NKG2D receptor.
Form	Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.
Molecular Mass	49.6kDa (437aa) 57-70kDa (SDS-PAGE under reducing conditions.)
AA Sequence	ADPHSLCFNF TIKLSLRPGQ PWCEAQVFLN KNLFLQYNSD NNMVKPLGLL GKKVYATSTW GELTQTLGEV GRDLRMLLCD IKPQIKTSDP STLQVEMFCQ REAERCTGAS WQFATNGEKS LLDAMNMTW TVINHEASKI KETWKKDRGL EKYFRKLSKG DCDHWLREFL GHWEAMPEPT

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VSPVNASDIH WSSSSLPDVE PKSCDKTHTC PPCPAPELLG GPSVFLFPPK
 PKDTLMISRT PEVTCVVVDV SHEDPEVKFN WYVDGVEVHN
 AKTKPREEQY NSTYRVVSVL TVLHQDWLNG KEYKCKVSNK ALPAPIEKTI
 SKAKGQPREP QVYTLPPSRD ELTKNQVSLT CLVKGFYPSD
 IAVEWESNGQ PENNYKTPP VLDSGDSFFL YSKLTVDKSR WQQGNVFSCS
 VMHEALHNNHY TQKSLSLSPG KHHHHHH

Purity > 85% by SDS - PAGE

Applications SDS-PAGE

Storage Can be stored at +4 centigrade short term (1-2 weeks). For long term storage, aliquot and store at -20 centigrade or -70 centigrade. Avoid repeated freezing and thawing cycles.

Concentration 0.5mg/ml (determined by Absorbance at 280nm)

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_139165](#)

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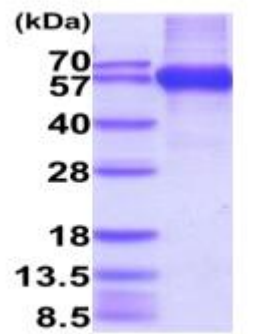
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Protein Refseq NP_631904

MIM 609243

UniProt ID Q8TD07



15% SDS-PAGE (3ug)

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