

Recombinant Human RAET1E Protein, His-tagged

Cat. No. RAET1E-206H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human RAET1E(31-225aa) fused with 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	23.4kDa (204aa) 28-40kDa (SDS-PAGE under reducing conditions.)
AA Sequence	ADPHSLCFNF TIKSLSRPGQ PWCEAQVFLN KNLFLQYNSD NNMVKPLGLL GKKVYATSTW GELTQTLGEV GRDLRMLLCD IKPQIKTSDPSTLQVEMFCQ REAERCTGAS WQFATNGEKS LLFDAMNMTW TVINHEASKI KETWKKDRGL EKYFRKLSKG DCDHWLREFL GHWEAMPEPTVSPVNASDIH WSSSSLPDHH

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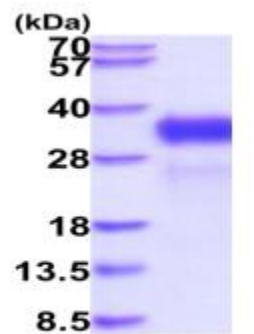
 45-1 Ramsey Road, Shirley, NY 11967, USA

	HHHH
Purity	> 90% 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
Protein Refseq	NP_631904
MIM	609243
UniProt ID	Q8TD07

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15% SDS-PAGE (3ug)

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