

Active Recombinant Human RAET1L Protein, Fc-tagged

Cat. No. RAET1L-721H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human RAET1L (AAK91503.1) (Met1-Ser217) was expressed with the Fc region of human IgG1 at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	1-217 a.a.
Predicted N Terminal	Arg 26
Form	Lyophilized from sterile PBS, pH 7.4, 5% ~ 8% trehalose and mannitol.
Bio-activity	Measured by its binding ability in a functional ELISA. Immobilized human His-NKG2D(78-216) at 10 µg/ml (100 µl/well) can bind RAET1L-Fc, The EC50 of RAET1L-Fc is 13-30ng/ml.
Molecular Mass	The recombinant human RAET1L consists 430 amino acids and predicts a molecular mass of 48.5 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.

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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.
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	RAET1L retinoic acid early transcript 1L [Homo sapiens]
Official Symbol	RAET1L
Synonyms	ULBP6; UL16 binding protein 6
Gene ID	154064
mRNA Refseq	NM_130900
Protein Refseq	NP_570970
MIM	611047
UniProt ID	Q5VY80
Chromosome Location	6q25.1