

Recombinant Mouse Raet1e Protein, His tagged

Cat. No. Raet1e-02M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant mouse Raet1e (29-227 aa), fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.
Species	Mouse
Source	Insect cells
ProteinLength	29-227 aa
Description	Enables natural killer cell lectin-like receptor binding activity. Acts upstream of or within T cell mediated cytotoxicity. Predicted to be located in intracellular membrane-bounded organelle and plasma membrane. Predicted to be active in external side of plasma membrane and extracellular space. Is expressed in embryo; embryo endoderm; and midgut. Orthologous to human RAET1G (retinoic acid early transcript 1G) and RAET1L (retinoic acid early transcript 1L).
Source	Insect cells
Species	Mouse
Tag	C-His
Form	Liquid

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Molecular Weight	23.5 kDa (207aa)
AA Sequence	LDDAHSRLRCNLTIKDPTSADLPWCDVKCSVDEITILHLNNINKTMTSGDPGKMANAT GKCLTQPLNDLCQELRDKVSN TKVDTHKTNGYPHLQVTMIYPQSQGQTPSATWEF NISDSYFFTFYTENMSWRSANDESGVIMNKWKDDGDLVQQLKYFIPQCRQKIDEFLK QSKEKPRSTSRSPSITQLTSTSPLPPPSHSLEHHHHHH
Endotoxin	< 1 EU/μg by LAL
Purity	> 95% by SDS-PAGE
Applications	SDS-PAGE
Storage	Can be stored at +2 to +8 centigrade for 1 week. For long term storage, aliquot and store at -20 to -80 centigrade. Avoid repeated freezing and thawing cycles.
Storage Buffer	Phosphate-Buffered Saline (pH 7.4) containing 10% glycerol
Concentration	0.5 mg/mL (determined by absorbance at 280nm)
Reference	1. Diefenbach A., et al. (2000) Nat Immunol. 1:119-126. 2. Cerwenka A., et al. (2001) Proc Natl Acad Sci USA. 98:11521-11526.

GENE INFORMATION

Gene Name	Raet1e retinoic acid early transcript 1E [Mus musculus (house mouse)]
Official Symbol	Raet1e
Synonyms	RAET1E; retinoic acid early transcript 1E; retinoic acid early-inducible protein 1-epsilon; RAE-1-epsilon; Rae-1 epsilon

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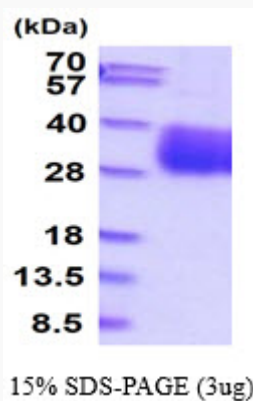
Gene ID 379043

mRNA Refseq NM_198193

Protein Refseq NP_937836

UniProt ID Q9CZQ6

SDS-PAGE



3 µg by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

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