

## Recombinant Mouse Raet1e Protein, His tagged

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

### SPECIFICATION

<b>Product Overview</b>	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.
<b>Species</b>	Mouse
<b>Source</b>	Insect cells
<b>ProteinLength</b>	29-227 aa
<b>Description</b>	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).
<b>Source</b>	Insect cells
<b>Species</b>	Mouse
<b>Tag</b>	C-His
<b>Form</b>	Liquid

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<b>Molecular Weight</b>	23.5 kDa (207aa)
<b>AA Sequence</b>	LDDAHSRLRCNLTIKDPTSADLPWCDVKCSVDEITILHLNINIKTMTSGDPGKMANAT GKCLTQPLNDLCQELRDKVSNTKVDTHKTNGYPHLQVTMIYPQSQGQTPSATWEF NISDSYFFTFYTENMSWRSANDESGVIMNKWKDDGDLVQQLKYFIPQCRQKIDFLK QSKEKPRSTSRSPSITQLTSTSPPLPPPSHSLEHHHHHH
<b>Endotoxin</b>	< 1 EU/μg by LAL
<b>Purity</b>	> 95% by SDS-PAGE
<b>Applications</b>	SDS-PAGE
<b>Storage</b>	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.
<b>Storage Buffer</b>	Phosphate-Buffered Saline (pH 7.4) containing 10% glycerol
<b>Concentration</b>	0.5 mg/mL (determined by absorbance at 280nm)
<b>Reference</b>	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

<b>Gene Name</b>	Raet1e retinoic acid early transcript 1E [ Mus musculus (house mouse) ]
<b>Official Symbol</b>	Raet1e
<b>Synonyms</b>	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

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