Datasheet for ABIN5854722

Retinoic Acid Early Transcript 1E (RAET1E) (AA 29-227) protein (His tag)

1 Image

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Overview

Quantity:	50 µg
Target:	Retinoic Acid Early Transcript 1E (RAET1E)
Protein Characteristics:	AA 29-227
Origin:	Mouse
Source:	Baculovirus infected Insect Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	His tag
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	LDDAHSLRCN LTIKDPTSAD LPWCDVKCSV DEITILHLNN INKTMTSGDP GKMANATGKC LTQPLNDLCQ ELRDKVSNTK VDTHKTNGYP HLQVTMIYPQ SQGQTPSATW EFNISDSYFF TFYTENMSWR SANDESGVIM NKWKDDGDLV QQLKYFIPQC RQKIDEFLKQ SKEKPRSTSR SPSITQLTST SPLPPPSHSL EHHHHHH
Purity:	> 95 % by SDS - PAGE
Endotoxin Level:	< 1.0 EU per 1 microgram of protein (determined by LAL method)

Target Details

Target:	Retinoic Acid Early Transcript 1E (RAET1E)
Alternative Name:	Raet1e (RAET1E Products)
Background:	Raet1e, also known as retinoic acid early-inducible protein 1-epsilon, is a member of a family of

Target Details

	cell-surface proteins that function as ligands for mouse NKG2D. All Rae-1 family members bind to mouse NKG2D, an activating receptor expressed on NK cells and some T cell subsets, resulting in the activation of cytolytic activity and cytokine production by these effector cells. Recombinant mouse Raet1e, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.
Molecular Weight:	23.5kDa (207aa) 28-40KDa (SDS-PAGE under reducing conditions.)
NCBI Accession:	NP_937836
UniProt:	Q9CZQ6

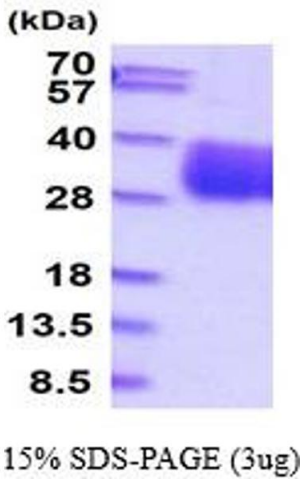
Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10 % glycerol.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.

Images



15% SDS-PAGE (3ug)

SDS-PAGE

Image 1.