

Datasheet for ABIN6388090

**Retinoic Acid Early Transcript 1E (RAET1E) (AA 31-225)
protein (His tag)**[Go to Product page](#)**1** Image

Overview

Quantity:	100 µg
Target:	Retinoic Acid Early Transcript 1E (RAET1E)
Protein Characteristics:	AA 31-225
Origin:	Human
Source:	Baculovirus infected Insect Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	His tag
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	ADPHSLCFNF TIKLSRPGQ PWCEAQVFLN KNLFLQYNSD NNMVKPLGLL GKKVYATSTW GELTQTLGEV GRDLRMLLCD IKPQIKTSDP STLQVEMFCQ REAERCTGAS WQFATNGEKS LLFDAMNMTW TVINHEASKI KETWKKDRGL EKYFRKLSKG DCDHWLREFL GHWEAMPEPT VSPVNASDIH WSSSSLPDHH HHHH
Purity:	> 90 % by SDS - PAGE
Endotoxin Level:	< 1.0 EU per 1ug 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 NKG2D ligand 4 isoform 1, is a member of the RAET1/ULBP family of

Target Details

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. Recombinant human RAET1E, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

Molecular Weight: 23.4kDa (204aa) 28-40kDa (SDS-PAGE under reducing conditions.)

NCBI Accession: [NP_631904](#)

UniProt: [Q8TD07](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

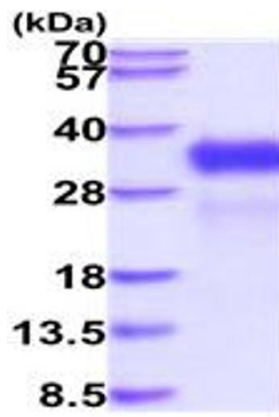
Format: Liquid

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.



15% SDS-PAGE (3ug)

SDS-PAGE

Image 1.