

Datasheet for ABIN1098707

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

Overview

Quantity:	100 µg
Target:	Retinoic Acid Early Transcript 1E (RAET1E)
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	His tag
Application:	SDS-PAGE (SDS)

Product Details

Purity:	> 90 % by SDS - PAGE
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Target Details

Target:	Retinoic Acid Early Transcript 1E (RAET1E)
Alternative Name:	RAET1E (RAET1E Products)
Background:	<p>RAET1E belongs to the RAET1 family, which consists of major histocompatibility complex (MHC) class I-related genes located in a cluster on chromosome 6q24.2-q25.3. RAET1E and RAET1G protein differ from other RAET1 proteins in that they have type I membrane-spanning sequences at their C termini rather than glycosylphosphatidylinositol anchor sequences. This protein functions as a ligand for NKG2D receptor, which is expressed on the surface of several types of immune cells, and is involved in innate adaptive immune responses. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.</p> <p>Recombinant human RAET1E protein, fused to His-tag at N-terminus, was expressed in E.coli.</p>

Target Details

Molecular Weight:	24.9 kDa (219aa)
NCBI Accession:	NP_631904

Application Details

Comment:	Synonyms: NKG2D ligand 4, bA350J20.7, LETAL, N2DL-4, NKG2DL4, RAET1E2, RL-4, ULBP4
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/ml (determined by Bradford assay)
Buffer:	20 mM Tris-HCl buffer (pH 8.0) containing 0.4 M UREA, 10% glycerol
Storage:	4 °C
Storage Comment:	Avoid repeated freezing and thawing cycles.

Images

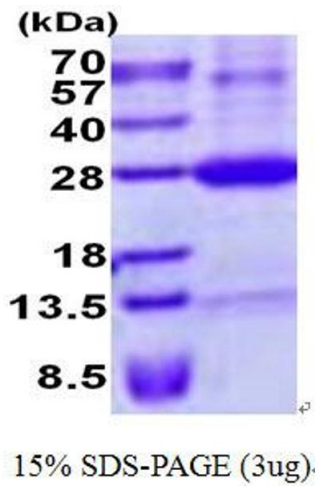


Image 1.