

Datasheet for ABIN7454206

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

Overview

Quantity:	100 µg
Target:	Retinoic Acid Early Transcript 1E (RAET1E)
Protein Characteristics:	AA 31-225
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	Fc Tag

Product Details

Purpose:	Human ULBP-4 Protein
Sequence:	His31-Asp225
Characteristics:	Recombinant Human ULBP-4 Protein is expressed from HEK293 with hFc tag at the C-Terminus. It contains His31-Asp225.
Purity:	> 95 % as determined by Tris-Bis PAGE, > 95 % as determined by HPLC
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.
Biological Activity Comment:	The affinity constant of 0.17 µM as determined in SPR assay (Biacore T200). See testing image for detail.

Target Details

Target:	Retinoic Acid Early Transcript 1E (RAET1E)
Alternative Name:	ULBP-4 (RAET1E Products)
Background:	UL16-binding proteins (ULBPs) are markers of cellular stress which are upregulated on the surface of virus-infected and tumor cells. ULBPs are expressed by a variety of leukemias, carcinomas, melanomas, and tumor cell lines. ULBP4 is associated with higher levels of CD8+/NKG2D+ lymphocytes infiltrating the carcinoma and is a prognosticator of improved survival.
Molecular Weight:	49.12 kDa. Due to glycosylation, the protein migrates to 60-70 kDa based on Tris-Bis PAGE result.

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Reconstitution:	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/mL is recommended. Dissolve the lyophilized protein in distilled water.
Buffer:	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8 % trehalose is added as protectant before lyophilization.
Storage:	-20 °C,-80 °C
Storage Comment:	-20 to -80°C for 12 months as supplied from date of receipt.,-80°C for 3-6 months after reconstitution.,2-8°C for 2-7 days after reconstitution.,Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Expiry Date:	12 months