

Datasheet for ABIN7281349

Ephrin A1 Protein (EFNA1) (AA 19-182) (hIgG-His-tag)



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Overview

Quantity:	100 µg
Target:	Ephrin A1 (EFNA1)
Protein Characteristics:	AA 19-182
Origin:	Human
Source:	Baculovirus infected Insect Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Ephrin A1 protein is labelled with hIgG-His-tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	ADPDRHTVFW NSSNPKFRNE DYTIVHQLND YVDIICPHYE DHSVADAAME QYILYLVEHE EYQLCQPQSK DQVRWQCNRP SAKHGPEKLS EKFRFTPTFT LGKEFKEGHS YYYISKPIHQ HEDRCLRLKV TVSGKITHSP QAHVNPQEKR LAADDPEVRV LHSIGHSLEP KSCDKTHTCP PCPAPELLGG PSVFLFPPKP KDTLMISRTP EVTCVVVDVS HEDPEVKFNW YVDGVEVHNA KTKPREEQYN STYRVVSVLT VLNQDNLNGK EYKCKVSNKA LPAPIEKTIS KAKGQPREPQ VYTLPPSRDE LTKNQVSLT LKGFYPSDI AVEWESNGQP ENNYKTTTPV LDSDGSFFLY SKLTVDKSRW QQGNVFSCSV MHEALHNHYT QKSLSLSPGK HHHHHH
Purity:	> 90 % by SDS - PAGE
Endotoxin Level:	< 1.0 EU per 1µg of protein (determined by LAL method)

Target Details

Target:	Ephrin A1 (EFNA1)
Alternative Name:	EFNA1 (EFNA1 Products)
Background:	EFNA1, also known as ephrin-A1 isoform a, is a member of the Ephrin-A family of GPI-anchored ligands. The Ephrin family receptor interacting proteins serve as the ligands of the Ephrin receptor, which compose the largest known subfamily of receptor protein-tyrosine kinases. This protein contains an ephrin RBD (ephrin receptor-binding) domain. It is widely expressed on endothelial and epithelial cells, particularly in the lung, intestine, liver, and skin. Also, this protein is expressed on resting CD4+ T cells inhibits cell proliferation and activation although soluble protein can promote T cell chemotaxis. Recombinant human EFNA1, fused to hIgG-His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.
Molecular Weight:	46.6kDa (406aa) 40-57kDa (SDS-PAGE under reducing conditions)
NCBI Accession:	NP_004419
UniProt:	P20827
Pathways:	RTK Signaling

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.