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Datasheet for ABIN7534978
EPH Receptor A7 Protein (EPHA7) (His tag)

Overview

Quantity:	100 µg
Target:	EPH Receptor A7 (EPHA7)
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This EPH Receptor A7 protein is labelled with His tag.

Product Details

Purpose:	Active Recombinant Human EphA7/EHK-3 Protein
Sequence:	MVFQTRYPSW IILCYIWLLR FAHTGEAQAA KEVLLLSKA QQTELEWISS PPNGWEEISG LDENYTPIRT YQVCQVMEPN QNNWLRTNWI SKGNAQRIFV ELKFTLRDCN SLPGVLGTCK ETFNLYYYET DYDTGRNIRE NLYVKIDTIA ADESFTQGD LGERKMKLNTE VREIGPLSKK GFYLAFQDVG ACIALVSVKV YYKKCWSIIE NLAIFPDTVT GSEFSSLVEV RGTCVSSAEE EAENAPRMHC SAEGEWLVPI GKCICKAGYQ QKGDTCPCG RGFYKSSSQD LQCSRCPTHS FSDKEGSSRC ECEDGYRAP SDPPYVACTR PPSAPQNLIF NINQTTVSLE WSPPADNGGR NDVTYRILCK RCSWEQGEV PCGSNIGYMP QQTGLEDNVY TVMDLLAHAN YTFEVEAVNG VSDLRSRQL FAAVSITTGQ AAPSQVSGVM KERVLRQSV LSWQEPEHPN GVITEYEIKY YEKDRERTY STVKTKSTSA SINNLKPGTV YVFQIRAF TAAGYGNYSRPL DVATLEEATG KMF EATAVSS EQNPV
Specificity:	Met1-Val555
Purity:	> 97 % by SDS-PAGE.

Product Details

Sterility:	0.22 µm filtered
Endotoxin Level:	< 0.1 EU/µg of the protein by LAL method.
Biological Activity Comment:	Measured by its binding ability in a functional ELISA. Immobilized Human EphA7 at 0.5 µg/mL (100 µL/well) can bind Human EFNA4 with a linear range of 0.039-0.942 ng/mL.

Target Details

Target:	EPH Receptor A7 (EPHA7)
Alternative Name:	EphA7/EHK-3 (EPHA7 Products)
Background:	EPHA7,EHK-3,EHK3,EK11,HEK11
Gene ID:	2045
UniProt:	Q15375
Pathways:	RTK Signaling

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Reconstitution:	Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1 % BSA, 5 % HSA, 10 % FBS or 5 % Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.
Buffer:	Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.
Storage:	-20 °C,-80 °C
Storage Comment:	Store the lyophilized protein at -20°C to -80 °C for long term. After reconstitution, the protein solution is stable at -20 °C for 3 months, at 2-8 °C for up to 1 week.