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EPH Receptor A8 Protein (EPHA8) (DYKDDDDK-His Tag)



Image



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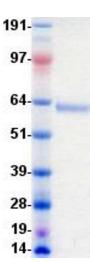
Overview	
Quantity:	20 μg
Target:	EPH Receptor A8 (EPHA8)
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This EPH Receptor A8 protein is labelled with DYKDDDDK-His Tag.
Application:	Antibody Production (AbP), Standard (STD)
Product Details	
Characteristics:	Recombinant human EPHA8 (C-term DDK/His tag, transcript variant 1) protein expressed in HEK293 cells.
	Produced with end-sequenced ORF clone
Purity:	> 80 % as determined by SDS-PAGE and Coomassie blue staining
Target Details	
Target:	EPH Receptor A8 (EPHA8)
Alternative Name:	Epha8 (EPHA8 Products)
Background:	This gene encodes a member of the ephrin receptor subfamily of the protein-tyrosine kinase
	family. EPH and EPH-related receptors have been implicated in mediating developmental
	events, particularly in the nervous system. Receptors in the EPH subfamily typically have a
	single kinase domain and an extracellular region containing a Cys-rich domain and 2 fibronectin

Target Details

Target Details	
	type III repeats. The ephrin receptors are divided into 2 groups based on the similarity of their extracellular domain sequences and their affinities for binding ephrin-A and ephrin-B ligands. The protein encoded by this gene functions as a receptor for ephrin A2, A3 and A5 and plays a role in short-range contact-mediated axonal guidance during development of the mammalian nervous system.
Molecular Weight:	60 kDa
NCBI Accession:	NP_065387
Pathways:	RTK Signaling
Application Details	
Application Notes:	Recombinant human proteins can be used for: Native antigens for optimized antibody production Positive controls in ELISA and other antibody assays
Comment:	The tag is located at the C-terminal.
Restrictions:	For Research Use only

Handling

Concentration:	50 μg/mL
Buffer:	1 x PBS, pH 7.4, 10 % glycerol.
Storage:	-80 °C
Storage Comment:	Store at -80°C. Thaw on ice, aliquot to individual single-use tubes, and then re-freeze immediately. Only 2-3 freeze thaw cycles are recommended.



Western Blotting

Image 1. Validation with Western Blot