

Product datasheet for TP309191

Eph receptor A3 (EPHA3) (NM_005233) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins
Description: Recombinant protein of human EPH receptor A3 (EPHA3), transcript variant 1, 20 µg
Species: Human
Expression Host: HEK293T
Expression cDNA Clone or AA Sequence: >RC209191 representing NM_005233
Red=Cloning site Green=Tags(s)

MDCQLSILLLLSCSVLDSFGELIPQPSNEVNLLDSKTIQGELGWISYPSHGWEEISGVDEHYTPIRTYQV
 CNVMDHSQNNWLRTNWWPRNSAQKIYVELKFTLRDCNSIPLVLGTCKETFNLYMESDDDGHGKFRHQF
 TKIDTIAADESFTQMDLGDRILKLNTEIREVGPVNKKGFYLAQDVGACVALVSVRVYFKKCPFTVKNLA
 MFPDTPMDSQSLVEVRGSCVNSKEEDPPRMYCSTEGEWLVPIGKCSNAGYEERGFMCQACRPGFYKA
 LDGNMKAACPPHSSTQEDGSMNRCENNYFRADKPPSMACTRPPSSPRNVISNINETSVIDLWSWPLD
 TGGRKDVTFNIICKKCGWNIKQCEPCSPNVRFLPRQFGLTNTTVTVTDLLAHTNYTTFEIDAVNGVSELSS
 PPRQFAAVSITTNQAAPSPVLTIKKDRSRNSISLSWQEPHNPNGIILDYEVKYYEKQEQETSYTILRAR
 GTNVTISSLKPDITYVFQIRARTAAGYGTNSRKFEFETSPDSFISISGESSQVMMIAISAAVAIILLTVI
 YVLIGRFGCYKSKHGADEKRLHFGNGHLKLPGLRITYVDPHTYEDPTQTVHEFAKELDATNISIDKVGAG
 EFGVCSGRLKLPKKEISVAIKTLKVGYTEKQRRDFLGEASIMGQFDHPNIIRLEGVVTKSKPVMIVTE
 YMENGLSDSFLRKHDAQFTVIQLVGMLRGIASGMKYLSDMGYVHRDLAARNILINSNLVCKVSDFGLSRV
 LEDDPEAAYTRGGKIPRWTSPEAIAYRKFTSASDVWSYGIVLWEVMSYGERPYWEMSNQDVIAVDEG
 YRLPPMDCPAALYQLMLDCWQKDRNNRPKFEQIVSILDKLIRNPGSLKIITSAARPSNLLLDQSNVDI
 TTFRTTGDWLNQVWTAHCKEIFTGVEYSSCDTIKISTDDMKKVGTVWGPQKKIISSIKALETQSKNGP
 VPV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

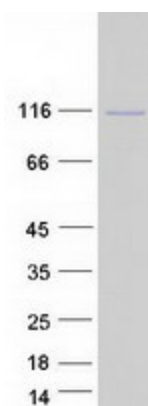
Tag: C-Myc/DDK
Predicted MW: 110 kDa
Concentration: >0.05 µg/µL as determined by microplate BCA method
Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol



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Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_005224
Locus ID:	2042
UniProt ID:	P29320 , A0A140VJJ0 , Q6P4R6
RefSeq Size:	5826
Cytogenetics:	3p11.1
RefSeq ORF:	2949
Synonyms:	EK4; ETK; ETK1; HEK; HEK4; TYRO4
Summary:	This gene belongs to 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 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. This gene encodes a protein that binds ephrin-A ligands. Two alternatively spliced transcript variants have been described for this gene. [provided by RefSeq, Jul 2008]
Protein Families:	Druggable Genome, Protein Kinase, Secreted Protein, Transmembrane
Protein Pathways:	Axon guidance

Product images:



Coomassie blue staining of purified EPHA3 protein (Cat# TP309191). The protein was produced from HEK293T cells transfected with EPHA3 cDNA clone (Cat# [RC209191]) using MegaTran 2.0 (Cat# [TT210002]).