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EFNA5 Human

Ephrin A5 Human Recombinant
RCP0717

Product Overview

Name	EFNA5 Human
Description	
Ephrin A5 Human Recombinant	
Accession (Primary)	P52803
Synonyms	
EFNA5, AF1, EFL5, EPLG7, GLC1M, LERK7, RAGS, Ephrin-A5, AL-1, EPH-related receptor tyrosine kinase ligand 7.	
Source	
Sf9, Baculovirus cells.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
The EFNA5 solution (0.5mg/ml) contains 10% Glycerol and Phosphate-Buffered Saline (pH 7.4).	
Stability	
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.	
Purity	
Greater than 95.0% as determined by SDS-PAGE.	
Amino acid sequence	
QDPGSKAVAD RYAVYWNSSN PRFQRGDYHI DVCINDYLDV FCPHYEDSVP EDKTERYVLY MVNFDGYSAC DHTSKGFKRW ECNRPHSPNG PLKFSEKFQL FTPFSLGFEF RPGREYFYIS SAIPDNGRRS CLKLKVFVRP TNSCMKTIGV HDRVFDVNDK VENSLEPADD TVHESAEPSR GEN LEPKSCD KTHTCPPCPA PELLGGPSVF LFPPKPKDTL MISRTPEVTC VVVDVSHEDP EVKFNWYVDG VEVHNAKTKP REEQYNSTYR VVSVLTVLHQ DWLNGKEYKC KVSNKALPAP IEKTISKAKG QPREPQVYTL PPSRDELTKN QVSLTCLVKG FYPSDIAVEW ESNGQPENNY KTTPPVLDSD GSFFLYSKLT VDKSRWQQGN VFSCSVMHEA LHNHYTQKSL SLSPGKHHHH HH.	
Biological Activity	
The ED50 range ≤ 60 ng/ml measured by its binding ability in a functional ELISA with Mouse EphA3 (CAT# pro-2817).	
Background	
EFNA5 functions through contact-mediated signaling, which can result in either forward signaling (through Eph	

receptors) or reverse signaling (through ephrins themselves). These signaling pathways regulate various cellular processes such as migration, adhesion, and proliferation. Disruptions or alterations in EFNA5 signaling have been implicated in neurodevelopmental disorders, cancer metastasis, and angiogenesis, highlighting the importance of understanding this protein's roles at a molecular level.

Precautions

EFNA5 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P52803)