

Active Recombinant Cynomolgus EFNA5 protein, His-tagged

Cat. No. EFNA5-1430C Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Cynomolgus Efna5(Met1-Asn203) fused with His tag at C-terminal was expressed in HEK293.
Species	Cynomolgus
Source	HEK293
ProteinLength	Met1-Asn203
Predicted N Terminal	Ser 20
Form	Lyophilized from sterile PBS, pH 7.41. Normally 5 % - 8 % trehalose and mannitol are added as protectants before lyophilization. Specific concentrations are included in the hardcopy of COA.
Bio-activity	Measured by its binding ability in a functional ELISA. Immobilized Cynomolgus EFNA5-His at 10 µg/ml (100 µl/well) can bind Cynomolgus EFNA5-His, The EC50 of Cynomolgus EFNA5-His is 14.8-34.7 ng/ml.
Molecular Mass	The recombinant Cynomolgus EFNA5 is a disulfide-linked homodimer. The reduced monomer comprises 194 amino acids and has a calculated molecular mass of 22.6 KDa. The apparent molecular mass of it is approximately 28 KDa respectively in SDS-PAGE.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method

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Purity	> 90 % as determined by SDS-PAGE
Stability	Samples are stable for up to twelve months from date of receipt at -70 centigrade
Storage	Store it under sterile conditions at -20 centigrade to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	A hardcopy of COA with reconstitution instruction is sent along with the products. Please refer to it for detailed information.
Shipping	In general, recombinant proteins are provided as lyophilized powder which are shipped at ambient temperature. Bulk packages of recombinant proteins are provided as frozen liquid. They are shipped out with blue ice unless customers require otherwise.

GENE INFORMATION

Gene Name	EFNA5 ephrin-A5 [<i>Macaca fascicularis</i>]
Official Symbol	EFNA5
Synonyms	ephrin-A5; EPH-related receptor tyrosine kinase ligand 7
Gene ID	102141609
mRNA Refseq	
Protein Refseq	
MIM	
UniProt ID	

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Chromosome Location	chromosome: 6
Pathway	Axon guidance, organism-specific biosystem; PI3K-Akt signaling pathway, organism-specific biosystem; Rap1 signaling pathway, conserved biosystem

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