

Recombinant Human EFNA3 Protein, His-tagged

Cat. No. EFNA3-230H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human EFNA3 protein with His tag was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	238
Description	This gene encodes a member of the ephrin (EPH) family. The ephrins and EPH-related receptors comprise the largest subfamily of receptor protein-tyrosine kinases and have been implicated in mediating developmental events, especially in the nervous system and in erythropoiesis. Based on their structures and sequence relationships, ephrins are divided into the ephrin-A (EFNA) class, which are anchored to the membrane by a glycosylphosphatidylinositol linkage, and the ephrin-B (EFNB) class, which are transmembrane proteins. This gene encodes an EFNA class ephrin.
Form	Lyophilized
Molecular Mass	22.2 kDa
AA Sequence	MAAAPLLLLLLLVPVPLLPLLAQGGPGGALGNRHAVYWNSSNQHLRREGYTVQVNVN DYLDIYCPHYNSSGVGPGAGPGPGGGAEQYVLYMVSRRNGYRTCNASQGFKRWEC NRPHAPHSPIKFSEKFQRYSAFSLGYEFHAGHEYYYISTPTHNLHWKCLRMKVFC CASTSHSGEKPVPPTLPQFTMGPNVKINVLEDFEGENPQVPKLEKSISGTSPKREHLP LAVGIAFFLMTFLAS

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Purity	> 98%
Applications	WB; ELISA; FACS; FC
Stability	This bioreagent is stable at 4 centigrade (short-term) and -70 centigrade(long-term). After reconstitution, sample may be stored at 4 centigrade for 2-7 days and below -18 centigrade for future use.
Storage	At -20 centigrade.
Concentration	1 mg/mL
Storage Buffer	PBS (pH 7.4-7.5). Sterile-filtered colorless solution.
Reconstitution	Reconstitute in sterile distilled H2O to no less than 100 µg/mL; dilute reconstituted stock further in other aqueous solutions if needed. Please review COA for lot-specific instructions. Final measurements should be determined by the end-user for optimal performance.

GENE INFORMATION

Gene Name	EFNA3 ephrin-A3 [Homo sapiens (human)]
Official Symbol	EFNA3
Synonyms	EFNA3; ephrin-A3; EPLG3; Ehk1 L; LERK3; EFL-2; LERK-3; EHK1 ligand; ligand of eph-related kinase 3; eph-related receptor tyrosine kinase ligand 3; EFL2; Ehk1-L;
Gene ID	1944
mRNA Refseq	NM_004952

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Protein Refseq	NP_004943
MIM	601381
UniProt ID	P52797

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