

Recombinant Mouse EFNB2 Protein

Catalog #	Source	Reactivity	Applications
CRP1473	Human cells	Mouse	E, WB, SDS-PAGE, MS
Description	Recombinant Mouse EFNB2 Protein is produced by our mammalian expression system and the target gene encoding Arg29-Glu227 is expressed with a Fc, 6His tag at the C-terminus.		
Form	Lyophilized from a 0.2 μM filtered solution of PBS, pH 7.4.		
Gene Symbol	EFNB2		
Alternative Names	EPLG5; HTKL; LERK5; Ephrin-B2; EPH-related receptor tyrosine kinase ligand 5; LERK-5; HTK ligand; HTK-L		
Entrez Gene	13642 (Mouse)		
SwissProt	P52800 (Mouse)		
Purity	Greater than 95% as determined by reducing SDS-PAGE.		
Chemical Structure	RSIVLEPIYW NSSNSKFLPG QGLVLPQIG DKLDIICPKV DSKTVGQY EY YKVMVDKDKQ ADRCTIKKEN TPLLNCARPD QDVKFTIKFQ EFSPNLWGLE FQKNKDYYII STSNGSLEGL DNQEGGVCQT RAMKILMKVG QDASSAGSAR NHGPTRRPEL EAGTNGRSST TSPFVKPNPG SSTDGN SAGH SGNNLLGSEV DDIEGRMDEP KSCDKTHTCP PCPAPELLGG PSVFLFPPKP KDTLMISRTP EVTCVVVDVS HEDPEVKFNW YVDGVEVHNA KTKPREEQYN STYRVVSVLT VLVHQLDNLGK EYKCKVSNKA LPAPIEKTIS KAKGQPREPQ VYTLPPSREE MTKNQVSLTCLVKGFYPSDI AVEWESNGQP ENNYKTTTPPV LQSDGTSFLLY SKLTVDKSRW QQGNV FSCSV MHEALHNHYT QKSLSLSPGK HHHHHH		
Quality Control	Endotoxin: Less than 0.1 ng/μg (1 IEU/μg) as determined by LAL test.		
Directions for Use	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 μg/ml. Dissolve the		

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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Product Data Sheet

lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

Storage/Stability

Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 2-8°C for 2-7 days.

Aliquots of reconstituted samples are stable at -20°C for 3 months.

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