

## Product datasheet for **TP505205**

### Efnb1 (NM\_010110) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse ephrin B1 (Efnb1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR205205 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MARPGQRWLSKWLVMVLTLCRLATPLAKNLEPVSWSLNPKFLSGKGLVIYPKIGDKLDIICPRAEAG  
RPYEYKLYLVRPEQAAACSTVLDPNVLVTCNKPHQEIRFTIKFQEFSPNYMGLFKKYHDYYITSTSNG  
SLEGLNREGGVCRTMTMKIVMKVGDPAVTPPEQLTTSRPSKESDNTVKATQAPGRGSQGDSDGKHET  
VNQEEKSGPGAGGGGSDSFFNSKVALFAAVGAGCVIFLLIIIFLTVLLLKLRKRHRKHTQQRAAALS  
LSTLASPKGGSGTAGTEPSDIIIIPLRTTENNYCPHYEKVSGDYGHPVYIVQEMPPQSPANIYYKV

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

Tag:	C-MYC/DDK
Predicted MW:	38.3 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
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 after receiving vials.
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:	<a href="#">NP_034240</a>
Locus ID:	13641
UniProt ID:	<a href="#">P52795</a> , <a href="#">Q544L9</a>



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<b>RefSeq Size:</b>	3258
<b>Cytogenetics:</b>	X 43.22 cM
<b>RefSeq ORF:</b>	1038
<b>Synonyms:</b>	Cek5-; Cek5-L; EFL-; EFL-3; Elk; Elk-L; Ep; Epl; Epl2; Eplg2; Ler; LERK; LERK-2; Lerk2; St; Stra1
<b>Summary:</b>	This gene encodes a membrane protein that acts as a ligand for Eph family receptors. Signalling occurs bidirectionally in both the cell containing the receptor and the cell expressing this protein. Activity of this protein is important in neuronal axon growth and other developmental processes. [provided by RefSeq, May 2015]