

## Product datasheet for TP523542

### Nrp2 (NM\_010939) Mouse Recombinant Protein

#### Product data:

**Product Type:** Recombinant Proteins

**Description:** Purified recombinant protein of Mouse neuropilin 2 (Nrp2), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug

**Species:** Mouse

**Expression Host:** HEK293T

**Expression cDNA Clone or AA Sequence:** >MR223542 representing NM\_010939  
**Red**=Cloning site **Green**=Tags(s)

MDMFPLTWVFLALYFSGHEVRSQQDPPCGGRLNSKDAGYITSPGYDYPHQNCEWIVYAPEPNQKIVL  
NPNPHFEIEKHDCKYDFIEIRDGDESEADLLGKHCNGNIAPPTIISGSLYIKFTSDYARQGAGFSLRYE  
IFKTGSEDCSKNFTSPNGTIESPGFPEKYPHNLDCTFTILAKPRMEIILQFLTFDLEHDPLQVGECDCKY  
DWLDIWDGIPHVGPLIGKYCGTKTPSKLRSSTGILSLTFHTDMAVAKDGFSARYLIHQEPPEPFQCNVP  
LGMESGRIANEQISASSTFSDGRWTPQQSRLHGDDNGWTPNLDSNKEYLQVDRFLTMLTAIATQGAISR  
ETQKGYVYKSYKLEVSTNGEDWMVYRHGKNHKIFQANNDATEVVLNKLHMPDLLTRFIRIRPQTWHLGIAL  
RLELFGCRVTDAPCSNMLGMLSGLIADTQISASSTREYLWSPSAARLVSSRSGWFPRNPQAQPGEWLQV  
DLGTPKTVKGVIIQGARGGDSITAVEARAFVRKFKVSYSLNGKDWWEYIQDPRTQQTKLFEGNMHYDTPDI  
RRFDPVPAQYVRVYPERWSPAGIGMRLEVLGCDWTDKPTVETLGPTVKSEETTPYPMDEDATECGENC  
SFEDDKDLQLPSGFNCNFDPEETCGWVYDHAKWLRSTWISSANPNDRTPDDKNFLKLQSDGRREGQYG  
RLISPPVHLPRSPVCMFQYQAMGGHGVALQVREASQESKLLWVIREQDQSEWKHGRIILPSYDMEYQI  
VFEGVIGKGRSGEISIDDIRISTDVPLENCMEPISAFAGEDFKDEYEGDWSNSSSSTSGAGDPSSGKEKS  
WLYTLDPILITIIAMSSLGVLLGATCAGLLLYCTCSYGLSSRSCTTLENYNFELYDGLKHKVKINHQKC  
CSEA

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

**Tag:** C-MYC/DDK

**Predicted MW:** 103.2 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



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|                      |  |
|----------------------|--|
| <b>Note:</b>         | For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process. |
| <b>Storage:</b>      | Store at -80°C after receiving vials.  |
| <b>Stability:</b>    | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.        |
| <b>RefSeq:</b>       | <a href="#">NP_035069</a>  |
| <b>Locus ID:</b>     | 18187  |
| <b>UniProt ID:</b>   | <a href="#">Q3U518</a>   |
| <b>RefSeq Size:</b>  | 6688   |
| <b>Cytogenetics:</b> | 1 C2   |
| <b>RefSeq ORF:</b>   | 2742   |
| <b>Synonyms:</b>     | 1110048P06Rik; Np-2; Np2; Npn-2; Npn2  |
| <b>Summary:</b>      | High affinity receptor for semaphorins 3C, 3F, VEGF-165 and VEGF-145 isoforms of VEGF, and the PLGF-2 isoform of PGF.[UniProtKB/Swiss-Prot Function] |