

## Product datasheet for TP502966

### Efh1 (NM\_028889) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse EF hand domain containing 1 (Efh1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR202966 protein sequence <span style="color: red;">Red</span> =Cloning site <span style="color: green;">Green</span> =Tags(s)  MSSEELACKLQRRRLRAETDQGDPQPAPCDAPAGHPEPEPPARAPTASADSELNLKLSRRLDIHQGT ARPGRSKVFNPYTEFPEFSRLLKDLEKMFKTYDAGRDFIDLMELKLMMKLGAPQTHLGLKSMIKEVD EDFDGKLSFRELLIFHKAAGELQEDSGLLALAKFSEIDVALEGVRGAKNFFEAKAALSCSSKFEAEL KAEQEERKREEEARRLRQAARFRELKAAFS  <span style="color: red;">TR</span> <span style="color: green;">TRPLEQKLISEEDLAANDILDYKDDDDKV</span>
Tag:	C-MYC/DDK
Predicted MW:	27 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_083165</a>
Locus ID:	98363
UniProt ID:	<a href="#">Q9D4J1</a>
RefSeq Size:	1805


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<b>Cytogenetics:</b>	1 C5
<b>RefSeq ORF:</b>	720
<b>Synonyms:</b>	4931430I01Rik; AI452351; mitocalcin; PP3051
<b>Summary:</b>	Acts as a calcium sensor for mitochondrial flash (mitoflash) activation, an event characterized by stochastic bursts of superoxide production (By similarity). May play a role in neuronal differentiation (PubMed:16336229).[UniProtKB/Swiss-Prot Function]