

## Product datasheet for TP506040

### Eipr1 (NM\_201357) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse EARP complex and GARP complex interacting protein 1 (Eipr1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR206040 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MEDDAPVIYGLEFQARALTPQTAETDAIRFLVGTQSLKYDNQIHIIDFDDENNIINKNVLLHQAGEIWHI  
SASPADKGVLATCYNKTTDSRVQACAAVWRMPKELESGSHESPDDPASTAQTLELLCHLDNSAQGNVACV  
VWPEMGDGGKVISLADSHILLWDLQPSSSQAVLASSATLEGRGQLKFTAGRWSPHHNCTQVATASDTTLR  
GWDTRSMSQIYCIENAHGQLVRDLDFNPNKQYYLASCDDCKVKFWDTRNVTEPVKTLEEHSWVWSVRY  
NHSHDQLVLTGSSDSRVILSNMVSISSEPFGLVDDDDVSDPEEHHAEKSKEPLQDNVIATYEEHEDSVY  
AVDWASADPWLFASLSYDGRVLINRVPRALKYHILL

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

Tag:	C-MYC/DDK
Predicted MW:	43.2 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
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_958745</a>
Locus ID:	380752
UniProt ID:	<a href="#">Q8K0G5</a>



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**RefSeq Size:** 1692

**Cytogenetics:** 12 11.26 cM

**RefSeq ORF:** 1161

**Synonyms:** D12Erttd604e; Eipr1; Tssc1

**Summary:** Acts as a component of endosomal retrieval machinery that is involved in protein transport from early endosomes to either recycling endosomes or the trans-Golgi network. Mediates the recruitment of Golgi-associated retrograde protein (GARP) complex to the trans-Golgi network and controls early endosome-to-Golgi transport of internalized protein. Promotes the recycling of internalized transferrin receptor (TFRC) to the plasma membrane through interaction with endosome-associated recycling protein (EARP) complex.[UniProtKB/Swiss-Prot Function]