

## Product datasheet for TP515234

### Heph (NM\_181273) Mouse Recombinant Protein

#### Product data:

**Product Type:** Recombinant Proteins

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

**Species:** Mouse

**Expression Host:** HEK293T

**Expression cDNA** >MR215234 representing NM\_181273

**Clone or AA** Red=Cloning site Green=Tags(s)

**Sequence:**

MKAGHLLWALLLMHSLWSIPTDGAI RNYYLGIQDMQWNYAPKGRNVITNQT LNNDTVASSFLKSGKNRIG  
SSYKKT VYKEYSDGTYTEEIAKPAWLGFLLQAEVGDVILHLKNFASRPYTIHPHG VVFYEK DSEGL  
YPDGSSGYLKADDSVPPGGSHVYNWSIPESHAPTEADPACLTWIYHSHVDAPRDIATGLIGPLITCKRGT  
LDGN SPPQRKDV D HNFLLFSVIDENLSWHLDDNIATYCDPASVDKEDGAFQDSNRMHAINGFVFGNLP  
ELSMCAQKHVAWHLFGMGNEIDVHTAFFHGQMLSIRGHHTDVANIFPATFVTAEMVPQKSGTWLISCEVN  
SHLRSGMQAFYKVDSCSMDPPVDQLTGKVRQYFIQAHEIQWDYGPYIGYDGRGTGKSLREPGSGPDKYFQKS  
SSRIGGT YWKVRYEAFQDETFQERVHQEEETHL GILGPVIRA EVGDTIQVVFYNRASQPFSIQPHGVFYE  
KNSEGT VYNDPTRDTNSGLVGPLLVCKAGALGADGKQKGV DKEFFLLFTVFDENESWYNNANQAAGMLD  
SRLLEDVEGFQDSNRMHAINGF LFSNLPR LDMCKGDTVAWHLLGLGTETDVHGVMFEGNTVQLQGM RKG  
AVMLFPHTFVTAIMQPDNPGIFEIY CQAGSHREEGMQAIY NVSQSSHQD SPRQHYQASRVYYIMAEIE  
WDYCPDRSWELEWHNTSEKDSYGHVFLSNKDGLL GSKYKKA VFREYTDGTFRIPRPRSGPEEHLGILGPL  
IRGEVGDILTVVFKNKASRPYSIHAHGVLESNTGGPQAAEPGELEHLMKRQRLYNPFTLVFWFIPFNILH  
SWAGQVT

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Tag:** C-MYC/DDK

**Predicted MW:** 95.6 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.



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<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>	<u><a href="#">NP_851790</a></u>
<b>Locus ID:</b>	15203
<b>UniProt ID:</b>	<u><a href="#">Q9Z0Z4</a></u> , <u><a href="#">A2A162</a></u>
<b>RefSeq Size:</b>	3931
<b>Cytogenetics:</b>	X 42.69 cM
<b>RefSeq ORF:</b>	2541
<b>Synonyms:</b>	C130006F04Rik; Cpl; mKIAA0698; sla
<b>Summary:</b>	May function as a ferroxidase for ferrous (II) to ferric ion (III) conversion and may be involved in copper transport and homeostasis. Implicated in iron homeostasis and may mediate iron efflux associated to ferroportin 1.[UniProtKB/Swiss-Prot Function]