

Recombinant Mouse Heph Protein, MYC/DDK-tagged

Cat. No. Heph-1110M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of full-length mouse hephaestin (Heph), with C-terminal MYC/DDK tag, was expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	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.
Molecular Mass	95.6 kDa
Purity	>80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 g/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

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Gene Name	Heph hephaestin [Mus musculus (house mouse)]
Official Symbol	Heph
Synonyms	Heph; hephaestin; Cpl; sla; mKIAA0698; C130006F04Rik; hephaestin; haphaestin; sex linked anemia
Gene ID	15203
mRNA Refseq	NM_181273
Protein Refseq	NP_851790
UniProt ID	Q9Z0Z4

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