

Product datasheet for **TP525367**

Hfe (NM_010424) Mouse Recombinant Protein

Product data:

Product Type: Recombinant Proteins
Description: Purified recombinant protein of Mouse homeostatic iron regulator (Hfe), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species: Mouse
Expression Host: HEK293T
Expression cDNA >MR225367 protein sequence
Clone or AA Sequence: Red=Cloning site Green=Tags(s)

MSLSAGLPVRPLLLLLLLLLWSVAPQALPPRSHSLRYLFMGASEPDLGLPLFEARGYVDDQLFVSYNHESR
RAEPRAPWILEQTSSQLWLHLSQSLKGWDYMFIVDFWTIMGNYNHKVTKLGWVSESHILQVVLGCEVHE
DNSTSGFWRYGYDGDHLEFCPKTLNWSAAEPGAWATKVEWDEHKIRAKQNRDYLEKDCPEQLKRLLELG
RGVLGQQVPTLVKVRHWASTGTSLRQCALDFFPQITMRWLKDNQPLDAKDVNPEKVLPNGDETYQGWL
TLAVAPGDETRFTCQVEHPGLDQPLTASWEPLQSQAMIIGIISGVTICAIFLVGILFLILRKRKASGGTM
GGYVLTDC

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

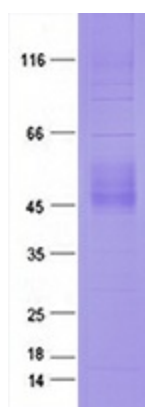
Tag: C-MYC/DDK
Predicted MW: 40.5 kDa
Concentration: >0.05 µg/µL as determined by microplate BCA method
Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note: For testing in cell culture applications, please filter before 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: [NP_034554](#)
Locus ID: 15216
UniProt ID: [P70387](#)



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RefSeq Size:	1722
Cytogenetics:	13 9.88 cM
RefSeq ORF:	1080
Synonyms:	MR2
Summary:	Binds to transferrin receptor (TFR) and reduces its affinity for iron-loaded transferrin. [UniProtKB/Swiss-Prot Function]

Product images:



Coomassie blue staining of purified Hfe protein (Cat# TP525367). The protein was produced from HEK293T cells transfected with Hfe cDNA clone (Cat# [MR225367]) using MegaTran 2.0 (Cat# [TT210002]).