

Product datasheet for **TP508150**

Fh1 (NM_010209) Mouse Recombinant Protein

Product data:

Product Type: Recombinant Proteins
Description: Purified recombinant protein of Mouse fumarate hydratase 1 (Fh1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug

Species: Mouse

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >MR208150 protein sequence
Red=Cloning site **Green**=Tags(s)

MYRALRLLARSRRLLRVPSAGAAVSGEATTLPRCAPNVARMASQNSFRVEFDTFGELKVPTDKYYGAQTV
RSTMNFKIGGATERMIPVIQAFGILKRAAAEVNQEYGLDPKIASAIMKAADEVAEGKLNDFPLVWQT
GSGTQTNMNVNEVISNRAIEMLGELGSKKPVHPNDHVNKSQSSNDFPTAMHIAAAVEVHKVLLPGLQK
LHDALSAKSKEFAQVIKIGRTHQTDAVPLTLGQEFSGYVQVQYAMVRIKAAMPRIYELAAGGTAVGTGL
NTRIGFAEKVAAKVAALTGLPFVTAPNKFEALAAHDALVELSGAMNTAACSLMKIANDIRFLGSGPRSL
GELILPENEPGSSIMPGKVNPTQCEAMTMVAAQVMGNHVAVTVGGSNHGFELNVFKPMMIKNVLHSARLL
GDASVSFTENCVVGIQANTERINKLMNESLMLVLTALNPHIGYDKAAKIAKTAHKNGSTLKETAIELGYLT
AEQFDEWVKPKDMLGPK

TRTRPLE**QKLISEEDLAANDILDYKDDDDKV**

Tag: C-MYC/DDK

Predicted MW: 54.4 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_034339](#)



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Locus ID:	14194
UniProt ID:	P97807
RefSeq Size:	1644
Cytogenetics:	1 H3
RefSeq ORF:	1524
Synonyms:	Fh; Fh-1
Summary:	Catalyzes the reversible stereospecific interconversion of fumarate to L-malate. [UniProtKB/Swiss-Prot Function]