

Product datasheet for **TP517893**

H1f8 (NM_138311) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse H1 histone family, member O, oocyte-specific (H1foo), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR217893 protein sequence Red =Cloning site Green =Tags(s)

MAPGSVSSVSSSSFPSRDTSPPSGSCGLPGADKPGPSCRRRIQAGQRNPTMLHMVLEALKAREARQGTSVVA
IKVYIQHKYPTVDTRFKYLLKQALETGVERRGLLTPAHSKAKGATGSFKLVPKPKTKKACAPKAGRGAA
GAKETGSKKSGLLKKDQVGKATMEKGQKRRAYPCKAATLEMAPKKAKAKPKEVRKAPLKQDKAAGAPLTA
NGGQKVKRSGSRQEANAHGKTKGEKSKPLASKVQNSVASLAKRKMADMAHTVTWVQGAETVQETKVPTPS
QDIGHKVQPIPRVRKAKTPENTQA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	32.2 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:	NP_612184
Locus ID:	171506
UniProt ID:	Q8VIK3



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RefSeq Size: 1114

Cytogenetics: 6 E3

RefSeq ORF: 915

Synonyms: C86609; H1; H1-8; H1.8; H1f; H1fo; H1foo; H1oo

Summary: Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. Nucleosomes consist of approximately 146 bp of DNA wrapped around a histone octamer composed of pairs of each of the four core histones (H2A, H2B, H3, and H4). The chromatin fiber is further compacted through the interaction of a linker histone, H1, with the DNA between the nucleosomes to form higher order chromatin structures. The protein encoded is a replication-independent histone that is a member of the histone H1 family. This gene contains introns, unlike most histone genes and the encoded protein is expressed only in oocytes. [provided by RefSeq, Oct 2015]