

Recombinant Mouse HIST1H1A Protein (2-213 aa), GST-tagged

Cat. No. HIST1H1A-552M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse HIST1H1A Protein (2-213 aa) is produced by E. coli expression system. This protein is fused with a GST tag at the N-terminal. Protein Description: Full Length of Mature Protein.
Species	Mouse
Source	E.coli
ProteinLength	2-213 aa
Description	Histone H1 protein binds to linker DNA between nucleosomes forming the macromolecular structure known as the chromatin fiber. Histones H1 are necessary for the condensation of nucleosome chains into higher-order structured fibers. Acts also as a regulator of individual gene transcription through chromatin modeling, nucleosome spacing and DNA methylation.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	48.7 kDa
AA Sequence	SETAPVAQAASTATEKPAAAKKTKKPAKAAAPRKKPAGPSVSELIVQAVSSSKERSG VSLAALKKSLAAAGYDVEKNNRIKGLKSLVNGTLVQTKGTGAAGSFKLNKKAES KAITTKVSVKAKASGAACKPKKTAGAAAKKTVKTPKKPKKPAVSKKTSKSPKKPKVV KAKKVAKSPAKAKAVKPKASKAKVTKPKTPAKPKKAAPKKK

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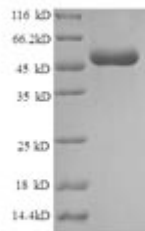
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Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA with concentration instruction is sent along with the products.
GENE INFORMATION	
Gene Name	Hist1h1a histone cluster 1, H1a [Mus musculus]
Official Symbol	HIST1H1A
Synonyms	HIST1H1A; histone H1.1; H1 VAR.3; H1a; H1.1; H1f1; H1var3;
Gene ID	80838
mRNA Refseq	NM_030609
Protein Refseq	NP_085112
UniProt ID	P43275

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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