

Recombinant Human HMX3 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. HMX3-1401H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	HMX3 MS Standard C13 and N15-labeled recombinant protein (NP_001099044) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	HMX3 (H6 Family Homeobox 3) is a Protein Coding gene. Diseases associated with HMX3 include Superior Semicircular Canal Dehiscence and Semicircular Canal Dehiscence Syndrome. Gene Ontology (GO) annotations related to this gene include sequence-specific DNA binding. An important paralog of this gene is HMX1.
Molecular Mass	37.6 kDa
AA Sequence	MPEPGPDAAGTASAPQPPPPPPPPAPKESPFSEIKNLLNGDHRPPPKPQPPPPRTLF APASAAAAAAAAAAAAAKGALEGAAGFALSQVGDIAFPFPEIPAQRFPALPAHYLERS PAWWYPYTLTPAGGHLPRPEASEKALLRDSSPASGTDRDSPEPLLKADPDHKELDS KSPDEIILEESDSEESKKEGEAAPGAAGASVGAAAATPGAEDWKKGAESPEKKPAC RKKKTRTVFSRSQVFQLESTFDMKRYLSSSERAGLAASLHLETQVKIWFQNRNRNK WKRQLAAELEAANLSHAAAQRIVRVPILYHENSAAEGAAAAAAGAPVPVSQPLLTFP HPVYYSHPVVSSVPLLRPVTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

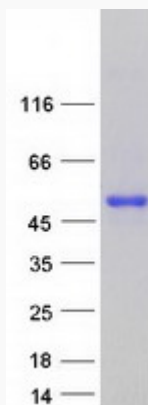
GENE INFORMATION

Gene Name	HMx3 H6 family homeobox 3 [Homo sapiens (human)]
Official Symbol	HMx3
Synonyms	HMx3; H6 family homeobox 3; homeo box (H6 family) 3; homeobox protein HMx3; NKX5 1; homeobox (H6 family) 3; homeobox protein Nkx-5.1; homeobox protein H6 family member 3; NKX5.1; Nkx5-1; NKX-5.1;
Gene ID	340784
mRNA Refseq	NM_001105574
Protein Refseq	NP_001099044
MIM	613380
UniProt ID	A6NHT5

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SDS-PAGE

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