

Product datasheet for TP522822

Hesx1 (NM_010420) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse homeobox gene expressed in ES cells (Hesx1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR222822 protein sequence Red =Cloning site Green =Tags(s)
	MSPSLREGAQLRESKPAPCSFSIESILGLDQKKDCTTSVRPHRPWTDTCGDSEKGGNPPLHAPDLPSETS FPCPVDHPRPEERAPKYENYFSASETRSLKRELSWYRGRPRPTAFTQNQVEVLENVFRVNCYPGIDIED LAQKLNLEEDRIQIWFQNRRAKMKRSRRESQFLMAKKPFNPDLLK
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	21.5 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:	<u>NP_034550</u>
Locus ID:	15209
UniProt ID:	<u>Q61658</u>
RefSeq Size:	1144
Cytogenetics:	14 A3



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RefSeq ORF: 558

Synonyms: HES-1; Rpx

Summary: Required for the normal development of the forebrain, eyes and other anterior structures such as the olfactory placodes and pituitary gland. Possible transcriptional repressor. Binds to the palindromic PIII sequence, 5'-AGCTTGAGTCTAATTGAATTAAGTAC-3'. HESX1 and PROP1 bind as heterodimers on this palindromic site, and, in vitro, HESX1 can antagonize PROP1 activation.[UniProtKB/Swiss-Prot Function]