

Recombinant Human GBX1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. GBX1-944H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	GBX1 MS Standard C13 and N15-labeled recombinant protein (NP_001092304) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	GBX1 (Gastrulation Brain Homeobox 1) is a Protein Coding gene. Diseases associated with GBX1 include Currarino Syndrome. Gene Ontology (GO) annotations related to this gene include sequence-specific DNA binding. An important paralog of this gene is GBX2.
Molecular Mass	37.4 kDa
AA Sequence	MQRAGGGSAPGGNGGGGGGGPGTAFSIDSLIGPPPPRSGHLLYTGYPMFMPYRPL VLPQALAPAPLPAGLPPLAPLASFAGRLTNTFCAGLGQAVPSMVALTTALPSFAEPP DAFYGPQELAAAAAAAAATAARNNPEPGGRRPEGGLEADELLPAREKVAEPPPPPP PHFSETFPSLPAEGKVYSSDEEKLEASAGDPAGSEQEEEGSGGDSDDGFLDSSA GGPGALLGPKPKLKGSLGTGAEEGAPVTAGVTAPGGKSRRRRTAFTSEQLLELEKE FHCKKYLSLTERSQIAHALKLSEVQVKIWFQNRRAKWKRIKAGNVSSRSGEPVRNPK IVVPIPVHVNRFVRSQHQQMEQGARPTRTRPLEQKLISEEDLAANDILDYKDDDDK V
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.

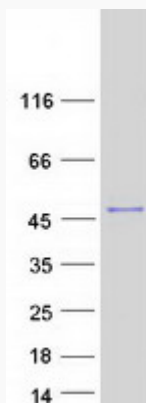
GENE INFORMATION

Gene Name	GBX1 gastrulation brain homeobox 1 [Homo sapiens (human)]
Official Symbol	GBX1
Synonyms	GBX1; gastrulation brain homeobox 1; gastrulation brain homeo box 1; homeobox protein GBX-1; gastrulation and brain-specific homeobox protein 1;
Gene ID	2636
mRNA Refseq	NM_001098834
Protein Refseq	NP_001092304
MIM	603354
UniProt ID	Q14549

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SDS-PAGE

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