

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

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

## SPECIFICATION

<b>Product Overview</b>	GBX1 MS Standard C13 and N15-labeled recombinant protein (NP_001092304) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>Description</b>	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.
<b>Molecular Mass</b>	37.4 kDa
<b>AA Sequence</b>	<p>MQRAGGGSAPGGNGGGGGGGPGTAFSIDSLIGPPPPRSGHLLYTGYPMFMPYRPL  VLPQALAPAPLPAGLPPLAPLASFAGRLTNTFCAGLGQAVPSMVALTTALPSFAEPP  DAFYGPQELAAAAAAAAATAARNNPEPGGRRPEGGLEADELLPAREKVAEPPPPPP  PHFSETFPSLPAEGKVYSSDEEKLEASAGDPAGSEQEEEGSGGDSEDDGFLDSSA  GGPGALLGPKPKLKGSLGTGAEEGAPVTAGVTAPGGKSRRRRTAFTSEQLLELEKE  FHCKKYLSTERSQIAHALKLSEVQVKIWFQNRRAKWKRIKAGNVSSRSGEPVRNPK  IVVPIPVHVNRFVRSQHQQMEQGARPTRTRPLEQKLISEEDLAANDILDYKDDDDK  V</p>
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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

## GENE INFORMATION

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

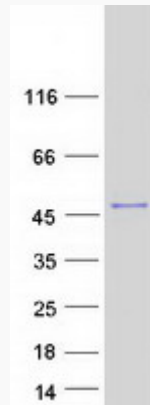
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**SDS-PAGE**



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