

# Recombinant Full Length Human GBX1 Protein, GST-tagged

Cat. No. GBX1-5157HF Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Human GBX1 full-length ORF ( AAI60003.1, 1 a.a. - 363 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>ProteinLength</b>	363 amino acids
<b>Description</b>	GBX1 (Gastrulation Brain Homeobox 1) is a Protein Coding gene. GO annotations related to this gene include sequence-specific DNA binding. An important paralog of this gene is GBX2.
<b>Molecular Mass</b>	66.33 kDa
<b>AA Sequence</b>	MQRAGGGSAP GGNGGGGGGG PGTAFSIDSL IGPPPPRS GH LLYTGYP MFM PYRPLVLPQA LAPAPLPAGL PPLAPLASFA GRLTNTFCAG LGQAVPSMVA LTTALPSFAE PPDAFYGPQE LAAAAAAAAA TAARNNPEPG GRRPEGGLEA DELLPAREKV AEPPPPPPPH FSETFP SLPA EGKVYSSDEE KLEASAGDPA GSEQEEEGSG GSEDDGFLD SSAGGPGALL GPKPKLKGSL GTGAEEGAPV TAGVTAPGGK SRRRRTAFTS EQLLELEKEF HCKKYLSLTE RSQIAHALKL SEVQVKIWFQ NRRAKWKRIK AGNVSSRSGE PVRNPKIVVP IPVHVNRFAV RSQHQQMEQG ARP
<b>Applications</b>	Enzyme-linked Immunoabsorbent Assay

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	Western Blot (Recombinant protein) Antibody Production Protein Array
<b>Notes</b>	Best use within three months from the date of receipt of this protein.
<b>Storage</b>	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

## 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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