

Recombinant Human GBX2 Protein, GST-tagged

Cat. No. GBX2-4784H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human GBX2 partial ORF (NP_001476.2, 141 a.a. - 230 a.a.) recombinant protein with GST tag at N-terminal.
Species	Human
Source	Wheat Germ
ProteinLength	141-230 a.a.
Description	GBX2 (Gastrulation Brain Homeobox 2) is a Protein Coding gene. Diseases associated with GBX2 include Velocardiofacial Syndrome. Among its related pathways are Embryonic and Induced Pluripotent Stem Cell Differentiation Pathways and Lineage-specific Markers and Neural Crest Differentiation. GO annotations related to this gene include transcription factor activity, sequence-specific DNA binding and sequence-specific DNA binding. An important paralog of this gene is GBX1.
Molecular Mass	35.53 kDa
AA Sequence	AEALQADAEDGKGFLAKEGSLLAFSAAETVQASLVGAVRGQGKDESKVEDDPKGGK EESFSLESVDYSSDDNLTGQAAHKEEDPGHALEE
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

Protein Array

Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

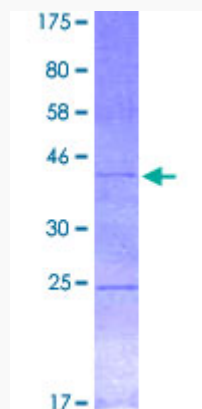
Gene Name	GBX2 gastrulation brain homeobox 2 [Homo sapiens]
Official Symbol	GBX2
Synonyms	GBX2; gastrulation brain homeobox 2; gastrulation brain homeo box 2; homeobox protein GBX-2; gastrulation and brain-specific homeobox protein 2;
Gene ID	2637
mRNA Refseq	NM_001485
Protein Refseq	NP_001476
MIM	601135
UniProt ID	P52951

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**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue

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