

## Product datasheet for **TP319351**

### **GBX1 (NM\_001098834) Human Recombinant Protein**

#### Product data:

**Product Type:** Recombinant Proteins  
**Description:** Recombinant protein of human gastrulation brain homeobox 1 (GBX1), 20 µg  
**Species:** Human  
**Expression Host:** HEK293T  
**Expression cDNA Clone or AA Sequence:** >RC219351 representing NM\_001098834  
**Red**=Cloning site **Green**=Tags(s)

MQRAGGGSAPGGNGGGGGGGPGTAFSIDSILGPPPPRSGHLLYTGYPMFMPYRPLVLPQALAPAPLPAGL  
PPLAPLASFAGRLTNTFCAGLGQAVPSMVALTTALPSFAEPPDAFYGPQELAAAAAAAAATAARNNPEPG  
GRRPEGGLEADELLPAREKVAEPPPPPPHFSETFPSLPAEGKVYSSDEEKLEASAGDPAGSEQEEEGSG  
GDSEDDGFLDSSAGGPGALLGPKPKLKGSLGTAAEAGAPVTAGVTAPGGKSRRRRTAFTSEQLLELEKEF  
HCKKYLSLTERSQIAHALKLSEVQVKIWFQNRRAKWKRIKAGNVSSRSRGEPVRNPKIVVPIPVHVNRFV  
RSQHQQMEQGARP

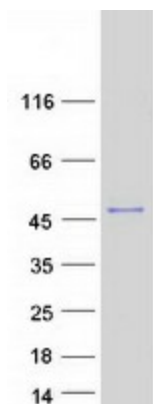
**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

**Tag:** C-Myc/DDK  
**Predicted MW:** 37.4 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  
**Preparation:** Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.  
**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.  
**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:** [NP\\_001092304](#)  
**Locus ID:** 2636



[View online »](#)

UniProt ID:	<a href="#">Q14549</a>
RefSeq Size:	1324
Cytogenetics:	7q36.1
RefSeq ORF:	1089
Synonyms:	Huh-17

**Product images:**

Coomassie blue staining of purified GBX1 protein (Cat# TP319351). The protein was produced from HEK293T cells transfected with GBX1 cDNA clone (Cat# [RC219351]) using MegaTran 2.0 (Cat# [TT210002]).