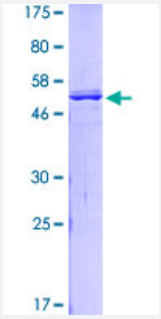
Full-Length

GTF2I (Human) Recombinant Protein (P01)

Catalog # H00002969-P01 Size 10 ug, 25 ug

Applications



Specification

Product Description	Human GTF2I full-length ORF (AAH04472.1, 36 a.a. - 274 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	ELAKSKAEVACIAVYETDVFVVGTERGRAFVNTRKDFQKDFVKYCVEEEEKAAEMHKMKSTTQA NRMSVDAVEIETLRKTVEDYFCFCYGKALGKSTVVPVPYEKMLRDQSAVVVQGLPEGVAFKHPE NYDLATLKWILENKAGISFIIKRPFLEPKKHVGGRVMVTDADRSILSPGGSCGPIKVKTEPTEDSGIS LEMAAVTVKEESEDPDYYQYNIQGSHHSSEGNEGTEMEVPAEG
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	52.03
Preparation Method	*in vitro* wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — GTF2I

Entrez GeneID	2969
GeneBank Accession#	BC004472
Protein Accession#	AAH04472.1
Gene Name	GTF2I
Gene Alias	BAP-135, BAP135, BTKAP1, DIWS, FLJ38776, FLJ56355, IB291, SPIN, TFII-I, WBS, WBSCR6
Gene Description	general transcription factor II, i
Omim ID	194050 601679
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a multifunctional phosphoprotein with roles in transcription and signal transduction. It is deleted in Williams-Beuren syndrome, a multisystem developmental disorder caused by the deletion of contiguous genes at chromosome 7q11.23. Alternative splicing results in multiple transcript variants. Related pseudogenes have been identified on chromosomes 7, 13 and 21. [provided by RefSeq
Other Designations	BTK-associated protein, 135kD|Bruton tyrosine kinase-associated protein 135|Williams-Beuren syndrome chromosome region 6

Pathway

- Basal transcription factors