

## Product datasheet for **TP762449**

### **GATA3 (NM\_001002295) Human Recombinant Protein**

#### **Product data:**

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Purified recombinant protein of Human GATA binding protein 3 (GATA3), transcript variant 1, Met1-Thr156, with N-terminal His tag, expressed in E.coli, 50ug
<b>Species:</b>	Human
<b>Expression Host:</b>	E. coli
<b>Expression cDNA Clone or AA Sequence:</b>	A DNA sequence encoding the region(Met1-Thr156) of GATA3
<b>Tag:</b>	N-His
<b>Predicted MW:</b>	16.9 kDa
<b>Concentration:</b>	>0.05 µg/µL as determined by microplate BCA method
<b>Purity:</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	50 mM Tris-HCl, pH 8.0, 8 M urea
<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C after receiving vials.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_001002295</a>
<b>Locus ID:</b>	2625
<b>UniProt ID:</b>	<a href="#">P23771</a>
<b>RefSeq Size:</b>	3070
<b>Cytogenetics:</b>	10p14
<b>RefSeq ORF:</b>	1332
<b>Synonyms:</b>	HDR; HDRS



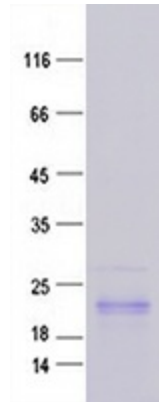
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**Summary:**

This gene encodes a protein which belongs to the GATA family of transcription factors. The protein contains two GATA-type zinc fingers and is an important regulator of T-cell development and plays an important role in endothelial cell biology. Defects in this gene are the cause of hypoparathyroidism with sensorineural deafness and renal dysplasia. [provided by RefSeq, Nov 2009]

**Protein Families:**

Adult stem cells, ES Cell Differentiation/IPS, Stem cell relevant signaling - JAK/STAT signaling pathway, Transcription Factors

**Product images:**

Purified recombinant protein GATA3 was analyzed by SDS-PAGE gel and Coomassie Blue Staining.