

Product datasheet for **TP762348**

GATA3 (NM_001002295) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human GATA binding protein 3 (GATA3), transcript variant 1, Pro189-Ser201(8 repeat regions linked with GGGGS), with N-terminal His tag, expressed in E.coli, 50ug
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	PLPDSMKLES SHSGGGGSPL PDSMKLESSH SGGGGSPDPD SMKLESSHSG GGGSPDPDSM KLESSHSGGG GSPLPDSMKL ESSHSGGGGS PLPDSMKLES SHSGGGGSPL PDSMKLESSH SGGGGSPDPD SMKLESSHS
Tag:	N-His
Predicted MW:	13.5 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, pH 8.0, 150 mM NaCl, 10% glycerol
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 after receiving vials.
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_001002295
Locus ID:	2625
UniProt ID:	P23771
RefSeq Size:	3070
Cytogenetics:	10p14
RefSeq ORF:	1332
Synonyms:	HDR; HDRS



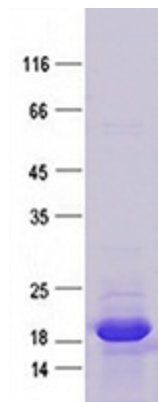
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Summary:

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 Gata-3 was analyzed by SDS-PAGE gel and Coomassie Blue Staining.