

Recombinant Human GATA3 Protein, His-tagged

Cat. No. GATA3-02H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	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.
Species	Human
Source	E.coli
ProteinLength	189-201 a.a.
Description	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.
Molecular Mass	13.5 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for at least 1 year from receipt of products under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.

 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

Concentration >50 µg/mL as determined by microplate BCA method

Storage Buffer 25mM Tris, pH8.0, 150mM NaCl, 10% glycerol

GENE INFORMATION

Gene Name GATA3 GATA binding protein 3 [Homo sapiens (human)]

Official Symbol GATA3

Synonyms GATA3; GATA binding protein 3; HDR; HDRS; trans-acting T-cell-specific transcription factor GATA-3; GATA-binding factor 3

Gene ID 2625

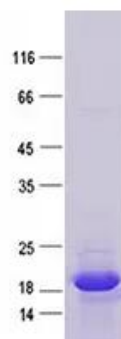
mRNA Refseq NM_001002295

Protein Refseq NP_001002295

MIM 131320

UniProt ID P23771

SDS-PAGE



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