

Recombinant Human GATA3 Protein, His-tagged

Cat. No. GATA3-01H Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of Human GATA binding protein 3 (GATA3), transcript variant 1, Met1-Thr156, with N-terminal His tag, expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-156 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	16.9 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.
Concentration	>50 µg/mL as determined by microplate BCA method

 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

Storage Buffer 50mM Tris, pH8.0, 8M Urea

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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