

Recombinant Human GATA6 Protein, His-tagged

Cat. No. GATA6-046H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human GATA6 Protein with His tag was expressed in E. coli.
Species	Human
Source	E.coli
Description	<p>GATA proteins comprise a group of transcription factors that are related by the presence of conserved zinc finger DNA-binding domains, which bind directly to the nucleotide sequence core element GATA. There are six vertebrate GATA proteins, designated GATA-1 to GATA-6. GATA-6 plays a critical role in endoderm development. It is essential for development of the heart, gut, and other organs. Knock out of GATA-6 is embryonic lethal due to defects in formation of the heart tube and a failure to develop extraembryonic endoderm. Loss of expression, or loss of nuclear localization of GATA-6 is apparent in a large number of ovarian tumors.</p>
Molecular Mass	~66 kDa
AA Sequence	<p>HMALTDGGWCLPKRFGAAGADASDSRAFPAREPSTPPSPISSSSSSCSRGGGERP GGASNCGTPQLDTEAAAGPPARLLLLSSYASHPPFGAPHGPSAPGVAGPGGNLSSW EDLLLFTDLQAAATASKLLWSSRGAKLSPFAPEQPEEMYQTLAALSSQGPAAYDGA PGGFVHSAAAAAAAAAAAAASSPVYVPTTRVGSMLPGLPYHLQSGSGSPANHAGGAG AHPGWPQASADSPPYGSGGGAAGGGAAGPGGAGSAAAHVSARFPYSPSPPMAN GAAREPGGYAAAGSGGAGGVSGGGSSLAAMGGREPQYSSLSAARPLNGTYHHHH HHHHHHPSPYSPYVGAPLTPAWPAGPFETPVLHSLQSRAGAPLPVPRGSPADLLED</p>

 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

LSESRECVNCGSIQTPLWRRDGTGHYLCNACGLYSKMNGLSRPLIKPQKRVPSRR
 LGLSCANCHTTTTLLWRRNAEGEPVCNACGLYMKLHGVPRLAMKKEGIQTRKRKP
 KNINKSKTCSGNSNNSIPMTPTSTSSNSDDCSKNTSPTTQPTASGAGAPVMTGAGE
 STNPENSELKYSQGQDGLYIGVSLASPAEVTSSVRPDSWCALALALE

Purity Transferred into competent cells and the supernatant was purified by NI column affinity chromatography and the purity is > 85% (by SDS-PAGE).

Notes For research use only, not for use in diagnostic procedure.

Storage Store at 4 centigrade short term. Aliquot and store at -20 centigrade long term. Avoid freeze-thaw cycles.

Storage Buffer 0.5M Urea, pH7.4

GENE INFORMATION

Gene Name [GATA6 GATA binding protein 6 \[Homo sapiens \(human\) \]](#)

Official Symbol [GATA6](#)

Synonyms GATA6; GATA binding protein 6; transcription factor GATA-6; GATA-binding factor 6; GATA-binding protein 6;

Gene ID [2627](#)

mRNA Refseq [NM_005257](#)

Protein Refseq [NP_005248](#)

MIM [601656](#)

 Tel: 1-631-559-9269 1-516-512-3133

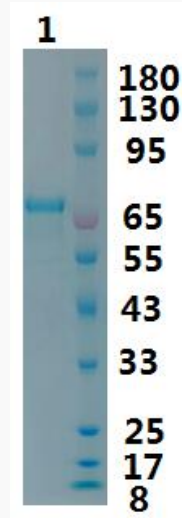
 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

UniProt ID

Q92908

SDS-PAGE



 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