Recombinant Human GBP7 Protein

Cat. No. GBP7-4782H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human GBP7 full-length ORF (AAI56124.1) recombinant protein without tag.
Species	Human
Source	Wheat Germ
Description	Guanylate-binding proteins, such as GBP7, are induced by interferon and hydrolyze GTP to both GDP and GMP (Olszewski et al., 2006 [PubMed 16689661]).[supplied by OMIM
Form	Liquid
Molecular Mass	70.2 kDa
AA Sequence	MASEIHMPGPVCLTENTKGHLVVNSEALEILSAITQPVVVVAIVGLYRTGKSYLMNKL AGKNKGFPLGCTVKSETKGIWMWCVPHPSKPNHTLILLDTEGLGDMEKSDPKSDS WIFALAVLLSSSFVYNSMGTINHQALEQLHYVTELTELIRAKSCPRPDEVEDSSEFVS FFPDFIWTVRDFTLELKLDGHPITEDEYLENALKLISGKNPQIQNSNKPREWIRHFFPK QKCFVFDRPINDKKLLLHVEEVREDQLDSNFQMQSENFCSYIFTHAKTKTLREGILVT GNRLGMLVETYLDAINSGATPCLENAMAVLAQCENSAAVQRAANHYSQQMAQQVR FPTDTLQELLDVHAVCEREAIAVFMEYSFKDKSQEFQKKLVDTMEKKKEDFVLQNEE ASAKYCQAELKRLSELLTESISRGTFFVPGGHNIYLEAKKKIEQDYTLVPRKGVKADE VLQSFLQSQVVIEESILQSDKALTAGEKAIAAKQAKKEAAEKEQELLRQKQKEQQQM MEAQERSFQENIAQLKKKMERERENYMRELRKMLSHKMKVLEELLTEGFKEIFESLN EEINRLKEQIEAAENEEPSVFSQILDVAGSIFIAALPGAAKLVDLGMKILSSLCNRLRNP

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

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Applications	Antibody Production Functional Study Compound Screening
Usage	Heating may cause protein aggregation. Please do not heat this product before electrophoresis.
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	25 mM Tris-HCl of pH8.0 containing 2% glycerol.

GENE INFORMATION

Gene Name	GBP7 guanylate binding protein 7 [Homo sapiens]
Official Symbol	GBP7
Synonyms	GBP7; guanylate binding protein 7; guanylate-binding protein 7; FLJ38822; GBP4L; GBP-7; GTP-binding protein 7; guanine nucleotide-binding protein 7;
Gene ID	388646
mRNA Refseq	NM_207398
Protein Refseq	NP_997281
MIM	612468

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UniProt ID	Q8N8V2

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