

Recombinant Full Length Human GBP7 Protein

Cat. No. GBP7-5156HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human GBP7 full-length ORF (AAI56124.1) recombinant protein without tag.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	847 amino acids
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 AGKNKGFPPLGCTVKSETKGIWMWCVPHPSKPNHTLILLDTEGLGDMEKSDPKSDS WIFALAVLLSSSFVYNSMGTINHQALEQLHYVTELTTELIRAKSCPRPDEVEDSSEFVS FFPDFIWTVRDFTLELKLDGHPITEDEYLENALKLISGKNPQIQNSNKPREWIRHFFPK QKCFVFDPRINDKKLLLVVEEVREDQLDSNFQMSENFCYIFTHAKTKTLREGILVT GNRLGMLVETYLDAINSGATPCLENAMAVLAQCENSAAVQRAANHYSQQMAQQVR FPTDTLQELLDVHAVCEREAIAVFMEYSFKDKSQEFQKKLVDTMEKKKEDFVLQNEE ASAKYCQAEKRLSELLTESISRGTFVPGGHNIYLEAKKKIEQDYTLVPRKGVKADE VLQSFLQSQVVIEESILQSDKALTAGEKAIAAKQAKKEAAEKEQELLRQKQKEQQQM

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MEAQERSFQENIAQLKKKMERERENYMRELKMLSHKMKVLEELLTEGFKEIFESLN
EEINRLKEQIEAAENEPSVFSQILDVAGSIFIAALPGAALKVLDLGMKILSSLCNRLRNP
GKKIIS

Applications

Antibody Production
Functional Study
Compound Screening

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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