

# Recombinant Full Length Human GBP7 Protein

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

## SPECIFICATION

<b>Product Overview</b>	Human GBP7 full-length ORF (AAI56124.1) recombinant protein without tag.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>ProteinLength</b>	847 amino acids
<b>Description</b>	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
<b>Form</b>	Liquid
<b>Molecular Mass</b>	70.2 kDa
<b>AA Sequence</b>	<p>MASEIHMPGPVCLTENTKGHLVVNSEALEILSAITQPVVVVAIVGLYRTGKSYLMNKL  AGKNKGFPLGCTVKSETKGIWMWCVPHPSKPNHTLILLDTEGLGDMEKSDPKSDS  WIFALAVLLSSSFVYNSMGTINHQALEQLHYVTELTELIRAKSCPRPDEVEDSSEFVS  FFPDFIWTVRDFTLELKLGDGHPITEDEYLENALKLISGKNPQIQNSNKPREWIRHFFPK  QKCFVFDPRPINDKLLLLHVEEVREDQLDSNFQMSENFCYIFTHAKTKTLREGILVT  GNRLGMLVETYLDAINSGATPCLENAMAVLAQCENSAAVQRAANHYSQQMAQQVR  FPTDTLQELLDVHAVCEREIAVFMESFKDKSQEFQKKLVDTMEKKKEDFVLQNEE  ASAKYCQAEKRLSELLTESISRGTFFVPGGHNIYLEAKKKIEQDYTLVPRKGVKADE  VLQSFLQSQVVIEESILQSDKALTAGEKAIAAKQAKKEAAEKEQELLRQKQKEQQQM</p>

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MEAQERSFQENIAQLKKKMERERENYMRELKMLSHKMKVLEELLTEGFKEIFESLN  
 EEINRLKEQIEAAENEPEPSVFSQILDVAGSIFIAALPGAALKVLDLGMKILSSLCNRLRNP  
 GKKIIS

<b>Applications</b>	Antibody Production Functional Study Compound Screening
<b>Notes</b>	Best use within three months from the date of receipt of this protein.
<b>Storage</b>	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
<b>Storage Buffer</b>	25 mM Tris-HCl of pH8.0 containing 2% glycerol.

## GENE INFORMATION

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

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UniProt ID

Q8N8V2

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