

Recombinant Human GBP7 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. GBP7-2435H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	GBP7 MS Standard C13 and N15-labeled recombinant protein (NP_997281) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	Guanylate-binding proteins, such as GBP7, are induced by interferon and hydrolyze GTP to both GDP and GMP.
Molecular Mass	72.3 kDa
AA Sequence	MASEIHMPGPVCLTENTKGHLVVNSEALEILSAITQPVVVVAIVGLYRTGKSYLMNKL AGKNKGFPGLGCTVKSETKGIWMWCVPHPSKPNHTLILLDTEGLGDM EKSDPKSDS WIFALAVLLSSSFVYNSMG TINHQALEQLHYVTELT ELIRAKSCPRPDEVEDSSEFVS FFPDFIWTVRDFTLELKL DGHPI TEDEYLENALKLISGKNPQIQNSNKPREWIRHFFPK QKCFVFD RPINDKKLL LHVEEVREDQLDSNFQM QSENFC SYIFTHAKTKTLREGILVT GNRLGMLVETYLDAINSGATPCLENAMAVLAQCENSAAVQRAANHYSQQMAQQVR FPTDTLQELLDVHAVCEREAIAVFMEYSFKDKSQEFQKKLVDTMEKKKEDFVLQNEE ASAKYCQAE LKRLSELLTESISRGTFFVPGGHNIYLEAKKKIEQDYTLVPRKGVKADE VLQSFLQSQVVIEESILQSDKALTAGEKAIAAKQAKKEAAEKEQELLRQKQKEQQQM MEAQERSFQENIAQLKKMERERENYMRELKMLSHKMKVLEELLTEGFKEIFESLN EEINRLKEQIEAAENE EPSVFSQILDVAGSIFIAALPGA AKLVDLGMKILSSLCNRLRNP

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GKKIISTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

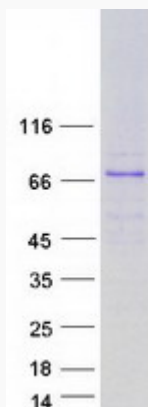
GENE INFORMATION

Gene Name	GBP7 guanylate binding protein 7 [Homo sapiens (human)]
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
UniProt ID	Q8N8V2

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SDS-PAGE

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