

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	<p>MASEIHMPGPVCLTENTKGHLVVNSEALEILSAITQPVVVVAIVGLYRTGKSYLMNKL AGKNKGFPLGCTVKSETKGIWMWCVPHPSKPNHTLILLDTEGLGDMEKSDPKSDS WIFALAVLLSSSFVYNSMGTINHQALEQLHYVTELTELIRAKSCPRPDEVEDSSEFVS FFPDFIWTVRDFTLELKLGDGHPITEDEYLENALKLISGKNPQIQNSNKPREWIRHFFPK QKCFVFDPRPINDKLLLVVEEVREDQLDSNFQMSENFCYIFTHAKTKTLREGILVT GNRLGMLVETYLDAINSGATPCLENAMAVLAQCENSAAVQRAANHYSQQMAQQVR FPTDTLQELLDVHAVCEREIAVFMESYFKDKSQEFQKKLVDTMEKKKEDFVLQNEE ASAKYCQAEKRLSELLTESISRGTFFVPGGHNIYLEAKKKIEQDYTLVPRKGVKADE VLQSFLQSQVVIEESILQSDKALTAGEKAIAAKQAKKEAAEKEQELLRQKQKEQQQM MEAQERSFQENIAQLKKKMERERENYMRELKMLSHKMKVLEELLTEGFKEIFESLN EEINRLKEQIEAAENEPSVFSQILDVAGSIFIAALPGAALKVLDLGMKILSSLCNRLRNP</p>

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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](#)

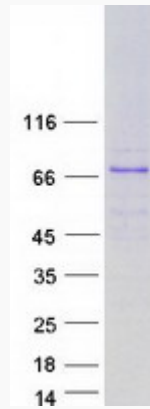
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SDS-PAGE



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