

Recombinant Human GBP6 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. GBP6-2176H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	GBP6 MS Standard C13 and N15-labeled recombinant protein (NP_940862) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	Guanylate-binding proteins, such as GBP6, are induced by interferon and hydrolyze GTP to both GDP and GMP.
Molecular Mass	72.4 kDa
AA Sequence	MESGPKMLAPVCLVENNNEQLLVNQQAILEKISQPVVVVAIVGLYRTGKSYLMNHL AGQNHGFPLGSTVQSETKGIWMWCVPHPSKPNHTLVLLDTEGLGDVEKGDPKNDS WIFALAVLLCSTFVYNSMSTINHQALEQLHYVTELTELIKAKSSPRPDGVEDSTEFVS FFPDFLWTVRDFTELKLNHPITEDEYLENALKLIQGNNPRVQTSNFPRECIRRRFFP KRKCFVFDRPTNDKDLLANIEKVSEKQLDPKFQEQTNIFCSYIFTHARTKTLREGITVT GNRLGTLAVTYVEAINSGAVPCLENNAVITLAQRENSAAVQRASDYYSQQMAQRVKF PTDTLQELLDVHAACEREAIAIFMEHSFKDENQEFQKKFMETTMNKKGDFLLQNEES SVQYCQAKLNELSKGLMESISAGSFSVPGGHKLYMETKERIEQDYWQVPRKGVKAK EVFQRFLESQMVIEESILQSDKALTDREKAVAVDRAKKEAAEKEQELLKQKLQEQQQ QMEAQVKSARKENIAQLKEKLQMERHLLREQIMMLEHTQKVQNDWLHEGFKKKYE EMNAEISQFKRMIDTTKNDDTPWIARTLDNLADELTAILSAPAKLIGHGVKGVSSLFKK

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HKLPFTRTRPLEQKLISEEDLAANDILDYKDDDDKV

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	GBP6 guanylate binding protein family member 6 [Homo sapiens (human)]
Official Symbol	GBP6
Synonyms	GBP6; guanylate binding protein family, member 6; guanylate-binding protein 6; DKFZp686G0786; GBP-6; GTP-binding protein 6; guanine nucleotide-binding protein 6; FLJ39135;
Gene ID	163351
mRNA Refseq	NM_198460
Protein Refseq	NP_940862
MIM	612467

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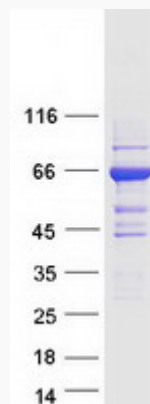
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UniProt ID

Q6ZN66

SDS-PAGE

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