

Product datasheet for PH314371

GBP6 (NM_198460) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	GBP6 MS Standard C13 and N15-labeled recombinant protein (NP_940862)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC214371
Predicted MW:	72.4 kDa
Protein Sequence:	>RC214371 protein sequence Red =Cloning site Green =Tags(s)

MESGPKMLAPVCLVENNNEQLLVNQAIQILEKISQPVVVAIVGLYRTGKSYLMNHLAQNHGFLGST
 VQSETKGIWMWCVPHPSKPNHTLVLLDTEGLGDVEKGPKNDSWIFALAVLLCSTFVYNSMSTINHQALE
 QLHYVTELTTELKAKSSRPDGVEDSTEFVSFFPDFLWTVRDTLELKLNGHPITEDEYLENALKLIQGN
 NPRVQTSNFPRECIRRFPPKRCFVDRPTNDKDLLANIEKVSEKQLDPKFQEQTNIFCSYIFTHARTKT
 LREGITVTGNRLGTLAVTYVEAINSGAVPCLENVITLAQRENSAAVQRASDYYSQMAQRVKFPTDTLQ
 ELLDVHAACEREAIAIFMEHSFKDENQEFQKKFMETTMNKKGDFLLQNEESSVQYCQAKLNELSKGLMES
 ISAGSFSVPGGHKLYMETKERIEQDYWQVPRKGVKAKEVFQRFLESQMVEESILQSDKALTDREKAVAV
 DRAKKEAAEKEQELLKQKLQEQQQQMEAVKSRKENIAQLKEKLQMERHLLREQIMMLEHTQKVQNDWL
 HEGFKKKYEEMNAEISQFKRMIDTTKNDDTPWIARTLDNLADELTAILSAPAKLIGHGVKGVSSLFKKHK
 LPF

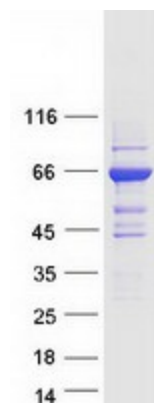
TRTRPLEEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_940862
RefSeq Size:	4867


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RefSeq ORF:	1899
Locus ID:	163351
UniProt ID:	<u>Q6ZN66</u>
Cytogenetics:	1p22.2
Summary:	Guanylate-binding proteins, such as GBP6, are induced by interferon and hydrolyze GTP to both GDP and GMP (Olszewski et al., 2006 [PubMed 16689661]).[supplied by OMIM, Dec 2008]

Product images:



Coomassie blue staining of purified GBP6 protein (Cat# [TP314371]). The protein was produced from HEK293T cells transfected with GBP6 cDNA clone (Cat# [RC214371]) using MegaTran 2.0 (Cat# [TT210002]).