

Product datasheet for PH309769

GBP4 (NM_052941) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	GBP4 MS Standard C13 and N15-labeled recombinant protein (NP_443173)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or	RC209769
AA Sequence:	
Predicted MW:	73.2 kDa
Protein Sequence:	>RC209769 protein sequence Red=Cloning site Green=Tags(s) MGERTLHAAVPTPGYPESESIMMAPICLVENQEEQLTVNSKALEILDKISQPVVVVAIVGLYRTGKSYLM NRLAGKRNGFPLGSTVQSETKGIWMWCVPHLSKPNHTLVLLDTEGLGDVEKSNPKNDWIFALAVLLSSS FVYNSVSTINHQAELHYVTELAELIRAKSCRPDEAEDSSEFASFFPDFIWTVRDFTLELKLDGNPIT EDEYLENALKLIPGKNPKIQNSNMPRECIRHFFRKRKCFVDRPTNDKQYLNHMDDEVPEENLERHFLMQS DNFCSYIFTHAKTKTLRKGIIVTGKRLGTLVVTYVDAINSGAVPCLENAVTALAQLENPAAVQRAADHYS QQMAQQRLRLPTDTLQELLDVHAACEREAIAVFMEHSFKDENHEFQKKLVDTIEKKKGDFVLQNEEASAKY CQAEKRLSEHLTESILRGIFSVPGGHNLYLEEKKQVEWDYKLVPRKGVKANEVLQNFLQSQVVVEESIL QSDKALTAGEKSIAAERAMKEAAEQELLREKQKEQQQMMEAQERSFQEYMAQMEKKLEERENLLREH ERLLKHKLVQEMLKEEFQKKSEQLNKEINQLKEIESTKNEQLRLKILDMASNIMIVTLPGASKLLG VGTKYLGSR TRTRPLEQKLISEEDLAANDILDYKDDDDKV
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 C6, ¹⁵ N4]-L-Arginine and [U- ¹³ C6, ¹⁵ N2]-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_443173](#)

RefSeq Size: 6160

RefSeq ORF: 1920

Synonyms: Mpa2

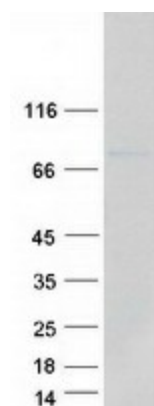
Locus ID: 115361

UniProt ID: [Q96PP9](#)

Cytogenetics: 1p22.2

Summary: Guanylate-binding proteins, such as GBP4, are induced by interferon and hydrolyze GTP to both GDP and GMP (Vestal, 2005 [PubMed 16108726]).[supplied by OMIM, Dec 2008]

Product images:



Coomassie blue staining of purified GBP4 protein (Cat# [TP309769]). The protein was produced from HEK293T cells transfected with GBP4 cDNA clone (Cat# [RC209769]) using MegaTran 2.0 (Cat# [TT210002]).