

Product datasheet for PH325986

GBP5 (NM_001134486) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	GBP5 MS Standard C13 and N15-labeled recombinant protein (NP_001127958)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC225986
Predicted MW:	66.6 kDa
Protein Sequence:	>RC225986 protein sequence Red=Cloning site Green=Tags(s)

MALEIHMSDPMCLIIENFNEQLKVNQEALEILSAITQPVVVVAIVGLYRTGKSYLMNKLKAGKNKGFVSVAST
VQSHTKGIWIWCVPHPNWPNHTLVLLDTEGLGDVEKADNKNDIQIFALALLLSSTFVYNTVKNIDQGAID
LLHNVTELTDLLKARNSPDLDRVEDPADSASFPPDLVWTLRDFCLGLEIDGQLVTPDEYLENSLRPKQGS
DQRVQNFNLPRLCIQKFFPKKCFIFDLPAHQKLAQLETLPPDDELEPEFVQVTEFCSYIFSHSMKTKL
PGGIMVNGSRLKNLVLYVNAISSGDLPCIENAVLALAQRENSAAVQKAI AHYDQQMGQKQVQLPMETLQE
LLDLHRTSEREAIEVFMKNSFKDQVDSFQKELETLDDAKQNDICKRNLEASSDYCSALLKDFGPLEEAV
KQGIYSKPGGHNLFIQKTEELKAKYYREPRKGIQAEVQLQKYLKSKESVSHAILQTDQAL TETEKKKKEA
QVKAEAEKAEARLAAIQRQNEQMMQERERLHQEQVRQMEIAKQNWLAEQQKMQEQMQEQAAQLSTTFQ
AQNRSLSELQHAQRTVNNDPCVLL

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

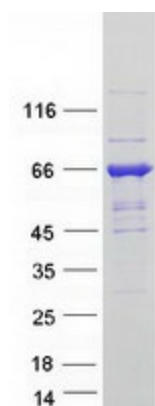
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_001127958
RefSeq Size:	3957
RefSeq ORF:	1758



[View online »](#)

Synonyms:	GBP-5
Locus ID:	115362
UniProt ID:	Q96PP8
Cytogenetics:	1p22.2
Summary:	This gene belongs to the TRAFAC class dynamin-like GTPase superfamily. The encoded protein acts as an activator of NLRP3 inflammasome assembly and has a role in innate immunity and inflammation. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2017]

Product images:



Coomassie blue staining of purified GBP5 protein (Cat# [TP325986]). The protein was produced from HEK293T cells transfected with GBP5 cDNA clone (Cat# [RC225986]) using MegaTran 2.0 (Cat# [TT210002]).