

Product datasheet for PH306627

GBP5 (NM_052942) Human Mass Spec Standard

Product data:

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| Product Type: | Mass Spec Standards |
| Description: | GBP5 MS Standard C13 and N15-labeled recombinant protein (NP_443174) |
| Species: | Human |
| Expression Host: | HEK293 |
| Expression cDNA Clone or AA Sequence: | RC206627 |
| Predicted MW: | 66.6 kDa |
| Protein Sequence: | >RC206627 protein sequence Red=Cloning site Green=Tags(s) |

MALEIHMSDPMCLIIENFNEQLKVNQEALEILSAITQPVVVVAIVGLYRTGKSYLMNKLAGKNKGF SVAST
VQSHTKGIWIWCVPHPNWPNHTLVLLDTEGLGDVEKADNKNDIQIFALALLLSSTFVYNTV NKIDQGAID
LLHNVTELTDLLKARNSPDLDRVEDPADSASF PDLVWTLRDFCLGLEIDGQLVTPDEYLENSLRPKQGS
DQRVQNFNLPRLCIQKFFPKKCFIFDLPAHQKLAQLETL PDDELEPEFVQVTEFCSYIFSHSMTKTL
PGGIMVNGSRLKNLVLYVNAISSGDLPCIENAVLALAQRENSAAVQKAI AHYDQQMGQKQVQLPMETLQE
LLDLHRTSEREAIEVFMKNSFKDQVDSFQKELETL LLDKQNDICKRNLEASSDYCSALLKDFGPLEEAV
KQGIYSKPGGHNLFIQKTEELKAKYYREPRKGIQAEV LQKYLKSKESVSHAILQTDQAL TETEKKKKEA
QVKAEEAEKAEARLAAIQRQNEQMMQERERLHQEQVRQMEIAKQNWLAEQQKMQEQMQEQAAQLSTTFQ
AQNRSLSELQHAQRTVNNDPCVLL

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

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| 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_443174 |
| RefSeq Size: | 4065 |
| RefSeq ORF: | 1758 |

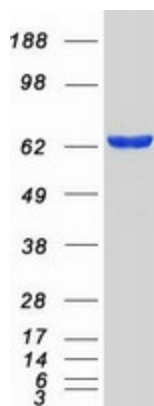


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Synonyms: GBP-5
Locus ID: 115362
UniProt ID: [Q96PP8](#)
Cytogenetics: 1p22.2

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# [TP306627]). The protein was produced from HEK293T cells transfected with GBP5 cDNA clone (Cat# [RC206627]) using MegaTran 2.0 (Cat# [TT210002]).