



Recombinant Human Guanylate-binding protein 3 (GBP3)

Product Code	CSB-BP884435HU
Abbreviation	GBP3
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q9H0R5
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MAPEIHMTGP MCLIENTNGE LVANPEALKI LSAITQPVVV VAIVGLYRTG KSYLMNKLKAG KNKGFSLGST VKSHTKGIWM WCVPHPKKPE HTLVLLDTEG LGDVKKGDNQ NDSWIFTLAV LLSSTLVYNS MGTINQQAMD QLYYVTELT RIRSKSSPDE NENEDSADFV SFFPDFVWTL RDFSLDLEAD GQPLTPDEYL EYSLKLTQGT SQKDKNFNLP RLCIRKFFPK KKCFVFDLPI HRRKLAQLEK LQDEELDPEF VQQVADFCYS IFSNSKTKTL SGGIKVNGPR LESLVLYIN AISRGDLPCM ENAVLALAQI ENSAAVQKAI AHYDQQMGQK VQLPAETLQE LLDLHRVSER EATEVYMKNS FKDVDHLFQK KLAQLDKKR DDFCKQNQEA SSDRCSALLQ VIFSPLEEEV KAGIYSKPGG YCLFIQKLQD LEKKYYEPR KGIQAEELQ TYLKSKEVT DAILQTDQIL TEKEKEIEVE CVKAESAQAS AKMVEEMQIK YQQMMEEKEK SYQEHVKQLT EKMERERAQL LEEQEKTLS KLQEQARVLK ERCQGESTQL QNEIQKLQKT LKKKTKRYMS HKLKI
Source	Baculovirus
Target Names	GBP3
Protein Names	Recommended name: Guanylate-binding protein 3 Alternative name(s): GTP-binding protein 3 Short name= GBP-3 Guanine nucleotide-binding protein 3
Expression Region	1-595
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Target Details	This gene encodes a member of the guanylate-binding protein (GBP) family. GBPs specifically bind guanine nucleotides (GMP, GDP, and GTP) and contain two of the three consensus motifs found in typical GTP-binding proteins. The encoded protein interacts with a member of the germinal center kinase family.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a



concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.

Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.