



Recombinant Human guanylate-binding protein 1 (GBP1)

Product Code	CSB-EP009297HU-B
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.	P32455
Storage Buffer	Lyophilized from Tris/PBS-based buffer, 6% Trehalose, pH 8.0
Product Type	Recombinant Proteins
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MASEIHMTGP MCLIENTNGR LMANPEALKI LSAITQPMVV VAIVGLYRTG KSYLMNKLKAG KKKGFSLGST VQSHTKGIWM WCVPHPKKPG HILVLLDTEG LGDVEKGDNQ NDSWIFALAV LLSSTFVYNS IGTINQQAMD QLYYVTELT RIRSKSSPDE NENEVEDSAD FVSFFPDFVW TLRDFSLDLE ADGQPLTPDE YLTYSCLKLKK GTSQKDETFN LPRLCIRKFF PKKKCFVFDR PVHRRKLAQL EKLQDEELDP EFVQQVADFC SYIFSNSKTK TLSSGGIQVNG PRLESLVLT VNAISSGDLP CMENAVLALA QIENSAAVQK AIAHYEQQMG QKVQLPTETL QELLDLHRDS EREAIEVFIR SSFKDVDHLF QKELAAQLEK KRDDFCKQNG EASSDRCSAL LQVIFSPLEE EVKAGIYSKP GGYRLFVQKL QDLKKKYEE PRKGIQAEI LQTYLKSKE MTDAILQTDQ TLTEKEKEIE VERVKAESAQ ASAKMLQEMQ RKNEQMMMEQK ERSYQEHLKQ LTEKMENDRV QLLKEQERTL ALKLQEQEQL LKEGFQKESR IMKNEIQDLQ TKMRRRKAC
Source	E.coli
Target Names	GBP1
Protein Names	Recommended name: Interferon-induced guanylate-binding protein 1 Alternative name(s): GTP-binding protein 1 Short name= GBP-1 Short name= HuGBP-1 Guanine nucleotide-binding protein 1
Expression Region	1-589
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 of Mature Protein
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.