



# Recombinant Human guanylate-binding protein 1 (GBP1)

<b>Product Code</b>	CSB-MP009297HU
<b>Storage</b>	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.
<b>Uniprot No.</b>	P32455
<b>Storage Buffer</b>	Lyophilized from Tris/PBS-based buffer, 6% Trehalose, pH 8.0
<b>Product Type</b>	Recombinant Proteins
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	MASEIHMTGP MCLIENTNGR LMANPEALKI LSAITQPMVV VAIVGLYRTG KSYLMNKLAG KKKGFSLGST VQSHTKGIWM WCVPHPKKPG HILVLLDTEG LGDVEKGDNQ NDSWIFALAV LLSSTFVYNS IGTINQQAMD QLYYVTELT RIRSKSSPDE NENEVEDSAD FVSFFPDFVW TLRDFSLDLE ADGQPLTPDE YLTYSCLKKK GTSQKDETFN LPRLCIRKFF PKKKCFVDR PVHRRKLAQL EKLQDEELDP EFVQQVADFC SYIFSNSKTK TLGGGIQVNG PRLESLVLT VNAISSGDLP CMENAVLALA QIENSAAVQK AIAHYEQQMG QKVQLPTETL QELLDLHRDS EREAIEVFIR SSFKDVDHLF QKELAAQLEK KRDDFCKQNG EASSDRCSAL LQVIFSPLEE EVKAGIYSKP GGYRLFVQKL QDLKKKYEE PRKGIQAEI LQTYLKSKE MTDAILQTDQ TLTEKEKEIE VERVKAESAQ ASAKMLQEMQ RKNEQMMEQK ERSYQEHLKQ LTEKMENDRV QLLKEQERTL ALKLQEQL LKEGFQKESR IMKNEIQDLQ TKMRRRKAC
<b>Source</b>	Mammalian cell
<b>Target Names</b>	GBP1
<b>Protein Names</b>	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
<b>Expression Region</b>	1-589
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full Length of Mature Protein
<b>Reconstitution</b>	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.



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