

Glycoprotein 39, Cartilage (GP39) Recombinant Protein | GP39 recombinant protein

Recombinant Glycoprotein 39, Cartilage (GP39)

CATALOG # AAA134369	HOST E Coli	APPLICATIONS Immunoprecipitation, ELISA, Western Blot, SDS-Page
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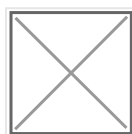
PRODUCT SYNONYMS

Glycoprotein 39; Cartilage (GP39); Recombinant Glycoprotein 39; GP39 recombinant protein

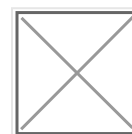
PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 95%
Form/Format	Supplied as lyophilized form in PBS,pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Sequence	The target protein is fused with N-terminal His-Tag, its sequence is listed below. MGHHHH HHSGLS-SNTE RRTAFVRSVA PFLRSYGFDG LDLAWLYPRL RDKQYFSTLI KELNAEFTKE VQPGREKLLL SAALSAGKVA IDTG YDIAQI AQHLD FINLM TYDFHGVWRQ ITGHHSPLFQ GQKDRFDRI SNVNYAVQYM IRLGAQASKL LMGIPTFGKS FTLASSENQL GAPISGEGLP GRFTKEAGTL AYYEICDFLK GAEVHRLSNE KVPFATKGNQ WVG YEDKESV KNKVGFLKEK KLAGAMVWAL D
Sequence Length	389
Applicable Applications for GP39 recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Organism	Mus musculus (Mouse)
Expression System	Prokaryotic expression
Residues	Ser112~Asp356 (Accession # Q61362) with N-terminal His-Tag
Subcellular Location	Secreted, extracellular space
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Predicted Isoelectric Point	9.1
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
Preparation and Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

IMAGES



SDS-PAGE



Sequence

NCBI AND UNIPROT INFORMATION

NCBI GI #	224809461
NCBI GeneID	12654
NCBI Accession #	NP_031721.2
NCBI GenBank Nucleotide #	NM_007695.3
UniProt Accession #	Q61362; Q4FJW9; Q8BKL8; Q99J84
Molecular Weight	28.8kDa
NCBI Official Full Name	chitinase-3-like protein 1
NCBI Official Synonym Full Names	chitinase-like 1
NCBI Official Symbol	Chi11
NCBI Official Synonym Symbols	Gp39; Brp39; Chi3l1; AW208766
NCBI Protein Information	chitinase-3-like protein 1; GP-39; CGP-39; chitinase 3-like 1; cartilage glycoprotein 39
UniProt Protein Name	Chitinase-3-like protein 1
UniProt Gene Name	Chi3l1
UniProt Synonym Gene Names	Brp39; CGP-39; GP-39
UniProt Entry Name	CH3L1_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/chi3l1-recombinant-protein-e-coli-ip-immunoprecipitation-elisa-wb-western-blot-sds-page/134369>