

Glycoprotein 39 Recombinant Protein | GP39 recombinant protein

Recombinant Glycoprotein 39, Cartilage (GP39)

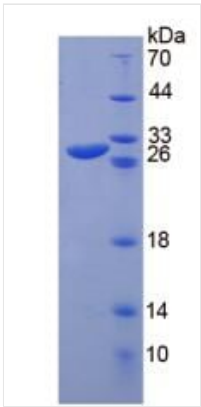
CATALOG # AAA144462	HOST Host: E ColiSource: Prokaryotic expression	APPLICATIONS Immunoprecipitation, ELISA, Western Blot, SDS-Page
-------------------------------	---	---

PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Host	Host: E Coli Source: Prokaryotic expression
Purity/Purification	>95%
Form/Format	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Concentration	8.7 (varies by lot)
Sequence	The target protein is fused with two N-terminal Tags, His-tag and T7-tag, its sequence is listed below. MGSSHHHH HHSSGLVPRG SHMASMTGGQ QMGRGS-YGF DGLDLAWLYP GPKDKQHFTT LIKELKAEFT KEVQPGTEKL LLSAAVSAGK VTLD SGYDVA QIAQHLD FIN LMTYDFHGTW RHTTGHHSPL FRGQQDTGPD RFSNVDYGVG YMLRLGAPTN KLVMGIPTFG KSFTLASSEN QVGAPITGSG LPGRYTKEKG TLAYYEICDF LRGAEVHRIL GQQVPFATKG NQWVG YDDPE SVKNKV KYLK NKQLAGAMVW AVDLDDFRGS FCGHNVHFPL TNAIK
Sequence Length	261
Applicable Applications for GP39 recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Predicted Molecular Mass	31.0kDa
Accurate Molecular Mass (KD)	29kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Expression System	Prokaryotic expression
Tag	two N-terminal Tags, His-tag and T7-tag
Organism Species	Rattus norvegicus (Rat)
Fragment	Glu24~Lys96
Usage	Reconstitute in sterile PBS, pH7.2-pH7.4.
Preparation and Storage	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. The loss of this protein is less than 5% within the expiration date under appropriate storage condition.



Sequence

YGFD

GLDLAWLYPG	PKDKQHFTTL	IKELKAEFTK	EVQPGTEKLL	LSAAVSAGKV
TLDSGYDVAQ	IAQHLDIFNL	MTYDFHGTWR	HTTGHHSPLF	RGQQTGPDR
FSNVDYGVGY	MLRLGAPTNN	LVMGITFGK	SFTLASSENQ	VGAPITGSGL
PGRYTKEKGT	LAYYEICDFL	RGAEVHRILG	QQVPFATKGN	QWVGYYDPES
VKNKVYKLYN	KQLAGAMVWA	VDLDDFRGSF	CGHNVHFPLT	NAIK

SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	38484
NCBI GeneID	959
UniProt Accession #	P29965
Molecular Weight	29,274 Da
NCBI Official Full Name	glycoprotein 39
NCBI Official Synonym Full Names	CD40 ligand
NCBI Official Symbol	CD40LG
NCBI Official Synonym Symbols	IGM; IMD3; TRAP; gp39; CD154; CD40L; HIGM1; T-BAM; TNFSF5; hCD40L
NCBI Protein Information	CD40 ligand
UniProt Protein Name	CD40 ligand
UniProt Gene Name	CD40LG
UniProt Synonym Gene Names	CD40L; TNFSF5; TRAP; CD40-L; TRAP
UniProt Entry Name	CD40L_HUMAN

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.