



Recombinant Human Zinc finger FYVE domain-containing protein 1 (ZFYVE1)

Product Code	CSB-EP864019HU-B
Abbreviation	ZFYVE1
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.	Q9HBF4
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MSAQTSPA EK GLNPGLMCQE SYACSGTDEA IFECDECCSL QCLRCEEELH RQERLRNHER IRLKPGHVPY CDLCKGLSGH LPGVRQRAIV RCQTCKINLC LECQKRTHSG GNKRRHPVTV YNVSNLQESL EAEEMDEETK RKKMTEKVVS FLLVDENEEI QVTNEEDFIR KLDCKPDQHL KVVSIFGNTG DGKSHTLNHT FFYGREVFKT SPTQESCTVG VWAAYDPVHK VAVIDTEGLL GATVNLSQRT RLLLKVLAIS DLVIYRTHAD RLHNDLFKFL GDASEAYLKH FTKELKATTA RCGLDVPLST LGPAVIFHE TVHTQLLGSD HPSEVPEKLI QDRFRKLGRF PEAFSSIH YK GTRTYNPPTD FSGLRRALEQ LLENNTTRSP RHPGVIFKAL KALSDFRFSGE IPDDQMAHSS FFPDEYFTCS SLCLSCGVGC KKS MNHGKEG VPHEAKSR CR YSHQYDNRVY TCKACYERGE EVSVVPK TSA STDSPWMGLA KYAWSGYVIE CPNCGVVYRS RQYWFGNQDP VDTVVRTEIV HVWPGTDGFL KDN NNAAQRL LDGMNFMAQS VSELSLGPTK AVTSWLTDQI APAYWRPNSQ ILS CNKCATS FKDN DTKHHC RACGEGFCDS CSSKTRPVPE RGWGPAPVRV CDNCYEARNV QLAVTEAQVD DEGGTLIARK VGEAVQNTLG AVVTAIDIPL GLVKDAARPA YWVPDHEILH CHNCRKEFSI KLSKHHCRAC GGGFCDEC SH DRRAVPSRGW DHPVRVCFNC NKKPGDL
Source	E.coli
Target Names	ZFYVE1
Protein Names	Recommended name: Zinc finger FYVE domain-containing protein 1 Alternative name(s): Double FYVE-containing protein 1 SR3 Tandem FYVE fingers-1
Expression Region	1-777
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	The FYVE domain mediates the recruitment of proteins involved in membrane trafficking and cell signaling to phosphatidylinositol 3-phosphate (PtdIns(3)P)-



containing membranes. This gene encodes a protein which contains two zinc-binding FYVE domains in tandem. This protein displays a predominantly Golgi, endoplasmic reticulum and vesicular distribution. Alternatively spliced transcript variants have been found for this gene, and they encode two isoforms with different sizes.

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

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