

Datasheet for ABIN7564555
SCYL2 Protein (AA 1-930) (His tag)



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Overview

Quantity:	1 mg
Target:	SCYL2
Protein Characteristics:	AA 1-930
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SCYL2 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Scyl2 Protein expressed in mammalian cells.
Sequence:	MESMLNKLKS TVTKVTADVT SAVMGNPVTR EFDVGRHIAS GGNGLAWKIF NGTKKSTKQE VAVFVFDKKL IDKYQKFEKD QIDSLKRGV QQLTRLRHPR LLTVQHPLLE SRDCLAFCTE PVFASLANVL GNWENLPSSI SPDIKDYKLY DVETKYGLLQ VSEGLSFLHS SVKMVHGNVT PENVILNKSG AWKIMGFDFC VSSSNPSEQE PKFPCKEWDN NPSLCLPNP EYLAPEYILS VSCETASDMY SLGAVMYAVF NQGRPIFEVN KQDIYKSFSS QLDQLSRLGS SSLTSIPEEV REHVKLLLNVTPTVRPDADQ MTKIPFFDDV GAVTLQYFDT LFQRDNLQKS QFFKGLPKVL PKLPKRIVIQ RILPCLTSEF VNPDMVPFVL PNVLLIAEEC TKEEYIKLIL PELGPVFKQQ EPIQILLIFL QKMDLLLTKT PPDEIKNSVL PMVYRALEAP SIQIQELCLN IIPTFANLID YPSMKNALIP RIKNAQLQTS SLAVRVNSLV CLGKILEYLD KWFVLDLIP FLQQIPSKEP AVLMGILGIY KCTFTHKGLG ITKEQLAGKV LPHLIPLSIE NNLNLNQFSS FIAVIKEMLS RLESEHRTKL EQLHVMQEQQ RSLDIGNQMS TSEETKVAHS GSQQIDKVFN NIGADLLSGS ESENREDGMQ GKQKRGSLTL EEKQKLAKEQ EQAQKLSQQ PLKPQVHTPI APIKQTKDLT DTLMENMSSL

Product Details

TLSVSTPKI SASSTFTPVP STGLGMMFST PIDNTRNLT NGLNANMGFQ TSGFSMPVNP
NQFFSGTGT AGVTTMSLGA PPTMSNFSPL TIPPASVKQP QQRPTDMSAL NNLFQPKPK
VSMNQLSQQK PNQWLNQFAP PQGSPVMGSA AMGTQGNVMG QAAFQGMQGNP FFNPQNFAQP
PPTTMTSSSS ASNDLKDLFG **Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.**

Specificity: If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.

Characteristics: **Key Benefits:**

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity: > 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

Grade: custom-made

Target Details

Target: SCYL2

Alternative Name: Scyl2 ([SCYL2 Products](#))

Background: SCY1-like protein 2 (Coated vesicle-associated kinase of 104 kDa),FUNCTION: Component of the AP2-containing clathrin coat that may regulate clathrin-dependent trafficking at plasma membrane, TGN and endosomal system. A possible serine/threonine-protein kinase toward the beta2-subunit of the plasma membrane adapter complex AP2 and other proteins in presence of poly-L-lysine has not been confirmed (By similarity). By regulating the expression of excitatory

Target Details

receptors at synapses, plays an essential role in neuronal function and signaling and in brain development (PubMed:26203146). {ECO:0000250|UniProtKB:Q6P3W7, ECO:0000269|PubMed:26203146}.

Molecular Weight: 103.3 kDa

UniProt: [Q8CFE4](#)

Application Details

Application Notes: We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: The buffer composition is at the discretion of the manufacturer.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -80 °C

Storage Comment: Store at -80°C.

Expiry Date: 12 months