

Recombinant Human SEMA6A Protein Product Manual

1. Product Basic Information

Product No.: REP08192

Protein Name: Sema6A-Sema Via (SEMA6A)

Aliases: VIA; SEMA; HT018; SEMAQ; SEMA6A1; SEMA6A-sema Via; semaphorin 6A; semaphorin-6A; semaphorin VIA

UniProt ID: Q9H2E6

UniProt Link: <https://www.uniprot.org/uniprotkb/Q9H2E6/entry>

Species Source: Homo sapiens (Human)

Expression System: Mammalian cell

Protein Length: Partial (19-649aa)

Molecular Weight: 72.2 kDa

Protein Tag: C-terminal 10xHis-tagged

2. Amino Acid Sequence (19-649aa)

GFPEDESEPISSHGNYTKQYPVFGVGHKPGRNTTQRHRLDIQMIMIMNGTLYIAARDHI
YTVDIDTSHTEEIYCSKCLTWKSRQADVDTCRMKGKHKDECHNFIKVLLKKNDDALF
VCGTNAFNPSCRNYKMDTLEPFGDEFSGMARCPYDAKHANVALFADGKLYSATVT
DFLAIDAVIYRSLGESPTLRVTKHDSKWLKEPYFVQAVDYGDIYFFFREIAVEYNTM
GKVVFPVAQVCKNDMGGSSQRVLEKQWTSFLKARLNCSVPGDSHFYFNILQAVTD
VIRINGRDVVLATFSTPYNSIPGSAVCAYDMLDIASVFTGRFKEQKSPDSTWTPVPD
ERVPKPRPGCCAGSSSLERYATSNEFPDDTLNFIKTHPLMDEAVPSIFNRPWFLRT
MVRYLTKIAVDTAAGPYQNHTVVFLGSEKGIILKFLARIGNSGFLNDSLFLLEMSVY
NSEKCSYDGVEDKRIMGMQLDRASSSLYVAFSTCVIKVPLGRCERHGKCKKTCIAS
RDPYCGWIKEGGACSHLSPNSRLTFEQDIERGNTDGLGDCHNSFVALNGHSSLL
PSTTTSDSTAQEGYESRGGMLDWKHLLDSPDSTDPLGAVSSHNHQDKKGVIRESY
LKGHDQLVPVT

3. Storage Buffer

Liquid Delivery Form: Tris/PBS-based buffer with 5%-50% glycerol. Custom glycerol content is available upon customer request (please specify requirements)



Lyophilized Powder Delivery Form: Pre-lyophilization buffer is Tris/PBS-based buffer containing 6% Trehalose.

4. Storage Conditions

Upon receipt, store the product at -20°C or -80°C. It is recommended to aliquot the protein for multiple uses to avoid repeated freeze-thaw cycles, which may cause protein denaturation and activity loss.

5. Product Description

This product is a recombinant Human SEMA6A partial protein (19-649aa) expressed in Mammalian cell. The protein is with 10xHis tag at the C-terminus, which facilitates protein purification, detection and identification. SEMA6A, also known as VIA or SEMA or HT018, is suitable for related in vitro functional assays, protein interaction studies, antibody preparation and other biomedical research applications.

6. Notes

- Repeated freezing and thawing of the product is strictly prohibited to ensure protein stability and biological activity.
- For special buffer component requirements, please submit a note when purchasing.
- This product is only for scientific research use, not for clinical diagnosis, treatment or commercial production purposes.