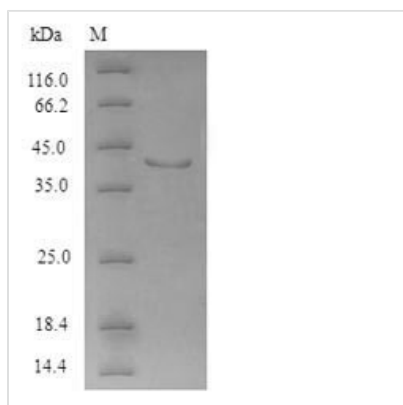




Recombinant Human Gamma-secretase subunit APH-1A (APH1a)

Product Code	CSB-CF853390HU
Relevance	Essential subunit of the gamma-secretase complex, an endoprotease complex that catalyzes the intramembrane cleavage of integral proteins such as Notch receptors and APP (beta-amyloid precursor protein). It probably represents a stabilizing cofactor for the presenilin homodimer that promotes the formation of a stable complex.
Abbreviation	Recombinant Human APH1a protein
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.	Q96BI3
Storage Buffer	Lyophilized from Tris/PBS-based buffer, 6% Trehalose
Product Type	Transmembrane Proteins
Immunogen Species	Homo sapiens(Human)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	MGAAVFFGCTFVAFGPAFALFLITVAGDPLRVIIIVAGAFFWLVSLLLASVWWFI LVHVTDRSDARLQYGLLIFGAAVSVLLQEVFRFAYYKLLKKADEGLASLSEDGR SPISIRQMAYVSGLSFGIISGVFSVINILADALGPGVVGIIHGDSPIYYFLTSAFLTA AIILLHTFWGVVFFDACERRRYWALGLVVGSHLLTSGLTFLNPWYEASLLPIYA VTVSMGLWAFITAGGSLRSIQRSLCKD
Research Area	Others
Source	in vitro E.coli expression system
Target Names	APH1A
Protein Names	Aph-1alphaPresenilin-stabilization factor
Expression Region	1-247aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-SUMO-tagged
Mol. Weight	42.9kDa
Protein Length	Full Length of Isoform 2
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

Shelf Life

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.