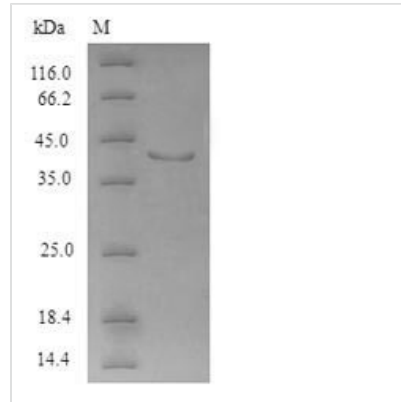




Recombinant Human Gamma-secretase subunit APH-1A (APH1a)

| | |
|--------------------------|--|
| 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 | ≥ 90% as determined by SDS-PAGE. |
| Sequence | MGAAVFFGCTFVAFGPAFALFLITVAGDPLRVIIIVAGAFFWLVSLLLASVVWFI LVHVTDRSDARLQYGLLIFGAAVSVLLQEVFRFAYYKLLKKADEGLASLSEDGR SPISIRQMAYVSGLSFGIISGVFSVINILADALGPGVVGIIHGDSPIYYFLTSAFLTA AIILLHTFWGVVFFDACERRRYWALGLLVVGSHELLTSGLTFLNPWYEASLLPIYA VTVMGLWAFITAGGSLRSIQRSLCKD |
| 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

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