

Product datasheet

Recombinant Human Surf1 protein ab95380

1 Image

Description

Product name	Recombinant Human Surf1 protein
Purity	> 95 % SDS-PAGE. purified by using conventional chromatography techniques
Expression system	Escherichia coli
Protein length	Protein fragment
Animal free	No
Nature	Recombinant
Species	Human
Sequence	MGSSHHHHHH SSSLVPRGSH MQVQRRKWKL NLIAELESRV LAEPVPLPAD PMELKNLEYR PVKVRGCFDH SKELYMMPRT MVDPVREARE GGLISSSTQS GAYVVTPFHC TDLGVTLVN RGFVPRKKVN PETRQKGQIE GEVDLIGMVR LTETRQPFVP ENNPERNHWH YRDLEAMARI TGAEPFIDA NFQSTVPGGP IGGQTRVTLR NEHLQ
Amino acids	80 to 273

Specifications

Our [Abpromise guarantee](#) covers the use of **ab95380** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	SDS-PAGE
Form	Liquid

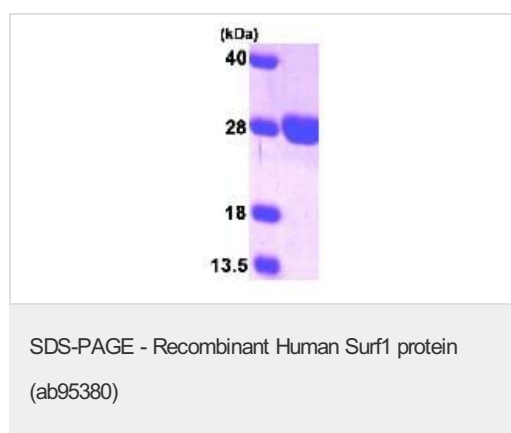
Preparation and Storage

Stability and Storage	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle. pH: 8.00 Constituents: 0.0154% DTT, 0.316% Tris HCl, 10% Glycerol (glycerin, glycerine), 0.58% Sodium chloride
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General Info

Function	Probably involved in the biogenesis of the COX complex.
Involvement in disease	Defects in SURF1 are a cause of Leigh syndrome (LS) [MIM:256000]. LS is a severe neurological disorder characterized by bilaterally symmetrical necrotic lesions in subcortical brain regions that is commonly associated with systemic cytochrome c oxidase (COX) deficiency.
Sequence similarities	Belongs to the SURF1 family.
Cellular localization	Mitochondrion inner membrane.

Images



15% SDS_PAGE image (3ug) generated using ab95380.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
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