

Datasheet for ABIN666926

**SURF1 Protein (AA 80-273) (His tag)**[Go to Product page](#)**1** Image

## Overview

|                               |  |
|-------------------------------|--|
| Quantity:                     | 100 µg                                       |
| Target:                       | SURF1  |
| Protein Characteristics:      | AA 80-273                                    |
| Origin:                       | Human  |
| Source:                       | Escherichia coli (E. coli)                   |
| Protein Type:                 | Recombinant                                  |
| Purification tag / Conjugate: | This SURF1 protein is labelled with His tag. |
| Application:                  | SDS-PAGE (SDS)                               |

## Product Details

|                  |   |
|------------------|---|
| Characteristics: | SURF1, 80-273aa, Human, His tag, E.coli |
| Purity:          | > 95 % by SDS-PAGE                      |

## Target Details

|                   |   |
|-------------------|---|
| Target:           | SURF1   |
| Alternative Name: | SURF1 ( <a href="#">SURF1 Products</a> )  |
| Background:       | SURF1, also known as surfeit 1, is a member of the SURF1 family, which includes the related yeast protein SHY1 and rickettsial protein RP733. This protein is localized to the inner mitochondrial membrane and thought to be involved in the biogenesis of the cytochrome c oxidase complex. Defect in SURF1 is a cause of Leigh syndrome, a severe neurological disorder that is commonly associated with systemic cytochrome c oxidase deficiency. Recombinant |

Target Details

|                   |  |
|-------------------|--|
|                   | SURF1 protein was expressed in E.coli and purified by using conventional chromatography techniques. Synonyms: , Surfeit 1 SURF 1, SURF1, Surfeit locus protein 1,. NCBI no.: NP_003163 |
| Molecular Weight: | 24.3 kDa (215aa), confirmed by MALDI-TOF.  |
| Pathways:         | <a href="#">Proton Transport</a> , <a href="#">Ribonucleoside Biosynthetic Process</a>   |

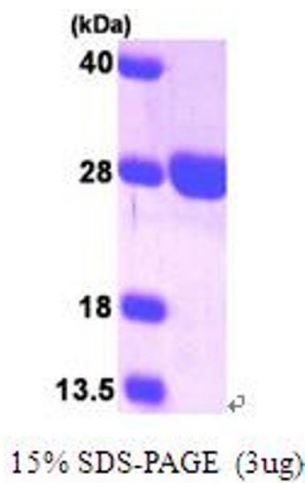
Application Details

|               |                       |
|---------------|-----------------------|
| Restrictions: | For Research Use only |
|---------------|-----------------------|

Handling

|                |  |
|----------------|--|
| Format:        | Liquid   |
| Concentration: | 1 mg/ml (determined by Bradford assay)   |
| Buffer:        | Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 1mM DTT, 0.1 M NaCl. |
| Storage:       | 4 °C   |

Images



**SDS-PAGE**

Image 1.