

# Recombinant human SURF2 protein

Catalog Number: ATGP2108

## PRODUCT INFORMATION

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### Expression system

E.coli

### Domain

1-256aa

### UniProt No.

Q15527

### NCBI Accession No.

NP\_059973.2

### Alternative Names

Surfeit 2, SuRF-2

## PRODUCT SPECIFICATION

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### Molecular Weight

32 kDa (279aa) confirmed by MALDI-TOF

### Concentration

0.5mg/ml (determined by Bradford assay)

### Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 0.2M NaCl, 50% glycerol, 2mM DTT

### Purity

> 90% by SDS-PAGE

### Tag

His-Tag

### Application

SDS-PAGE

### Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

## BACKGROUND

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### Description

Surfeit 2, also known as SuRF2, belongs to the SuRF2 family and interacts with beta-1, 4-Gal-T3, uPAR and WDR20. SuRF2 is located in the surfeit gene cluster, which is a group of very tightly linked genes that do not share sequence similarity. The SuRF2 gene maps to human chromosome 9q34. 2 and shares a bidirectional promoter with SuRF1, which is located on the opposite strand. The intergenic region between the SuRF1 and SuRF2 genes is expected to have bidirectional promoter activity, as is found in mouse. Recombinant human SuRF2 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional

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chromatography techniques.

## Amino acid Sequence

MGSSHHHHHHH SGLVPRGSH MGSMSELP GD VRAFLREHPS LRLQTDARKV RCILTGHELP CRLPELQVYT RGKKYQRLVR  
ASPAFDYAEF EPHIVPSTKN PHQLFCKLTL RHINKCPEHV LRHTQGRRYQ RALCKYECCQ KQGVVEYVAC LVHRRRRRED  
QMDGDGPRPR EAFWEPTSSD EGGAASDDSM TDLYPPELFT RKDLGSTEDG DGTDDFLTDK EDEKAKPPRE KATDEGRRET  
TVYRGLVQKR GKKQLGSLKK KFKSHHRKPK SFSSCKQPG

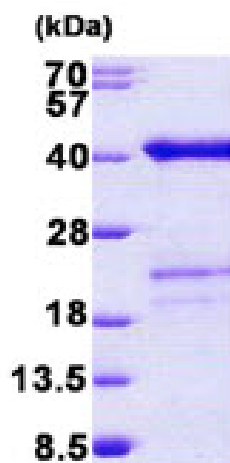
## General References

Lennaed A., et al. (1994) DNA Cell Biol. 13:1117-1126

Yon J., et al. (1993) Hum Mol Genet. 2:237-240

## DATA

### SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

15% SDS-PAGE (3ug)