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Recombinant human SURF2 protein

Catalog Number: ATGP2108

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-256aa

UniProt No.

015527

NCBI Accession No.

NP 059973.2

Alternative Names

Surfeit 2. SuRF-2

PRODUCT SPECIFICATION

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

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

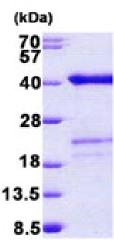
MGSSHHHHHH SSGLVPRGSH MGSMSELPGD VRAFLREHPS LRLQTDARKV RCILTGHELP CRLPELQVYT RGKKYQRLVR ASPAFDYAEF EPHIVPSTKN PHQLFCKLTL RHINKCPEHV LRHTQGRRYQ RALCKYEECQ KQGVEYVPAC LVHRRRRRED QMDGDGPRPR EAFWEPTSSD EGGAASDDSM TDLYPPELFT RKDLGSTEDG DGTDDFLTDK EDEKAKPPRE KATDEGRRET TVYRGLVQKR GKKQLGSLKK KFKSHHRKPK SFSSCKQPG

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



15% SDS-PAGE (3ug)

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

