

SURF2, 1-256aa, Human, His tag, E.coli

Cat.NO.: TP04102

3th Edition

Synonyms:Surfeit 2, SURF-2

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 chromatography techniques.

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

Molecular Weight:32kDa (279aa), confirmed by MALDI-TOF

Sequences:

MGSSHHHHHSSGLVPRGSHMGSMSELPGDVRAFLREHPSLRLQTDARKVRCILTGHELPCRLPELQVYTRGKK
YQLVLRASPAFDYAEFEPHIVPSTKNPHQLFCKLTLRHINKCPEHVL RHTQGRRYQRALCKYEECQKQGVEYVPAC
LVHRRRRREDQMDGDGPRPREAFWEPTSSDEGGAASDDSM TDLYPPELFTRKDLGSTEDGDGTD DDFLTDKEDE
KAKPPREKATDEGRRETTVYRGLVQKRGKKQLGSLKKKFKSHHRKPKSFSSCKQPG

Purity:> 95% by HPLC

Concentration:0.5mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.