
Product Data Sheet

Product Name: SURF2 Human
 Cat. No.: GP24755
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Surfeit 2; SURF-2; SURF2; Surfeit locus protein 2; Surfeit-2.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSMSELP GD VRAFLREHPS LRLQTDARKV RCILTGHELP CRLPELQVYT RGKKYQRLVR ASPAFDYAEF EPHIVPSTKN PHQLFCKLTL RHINKCPEHV LRHTQGRRYQ RALCKYECCQ KQGVVEVPAC LVHRRRRRED QMDGDGPRPR EAFWEPTSSD EGGAASDDSM TDLYPPELFT RKDLGSTEDG DGTDDFLTDK EDEKAKPPRE KATDEGRRET TVYRGLVQKR GKKQLGSLKK KFKSHHRKPK SFSSCKQPG.		
Formulation	The SURF2 solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.2M NaCl, 50% glycerol and 2mM DTT.		

Introduction

Surfeit-2 (SURF2) is a member of the SURF2 family. SURF2 interacts with beta-1, 4-Gal-T3, uPAR and WDR20. SURF2 is located in the surfeit gene cluster, a group of extremely tightly linked genes that don't share sequence similarity. The SURF2 gene maps to human chromosome 9q34.2 and shares a bidirectional promoter with SURF1 that is found on the opposite strand. The intergenic region between the SURF1 and SURF2 genes is expected to have bidirectional promoter activity, as is found in mice.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Background

SURF2 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 279 amino acids (1-256) and having a molecular mass of 32 kDa.

Caution: Product has not been fully validated for medical applications. For research use only.

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SURF2 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

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