

RPPB4779

Product Information Protein Information

Product SKU:

RPPB4779

Accession:

Q07889

Host:

Sf9, Baculovirus cells.

Protein description:

SOS1 produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 495 amino acids (564-1049a.a.) and having a molecular mass of 58.0kDa. (Molecular size on SDS-PAGE will appear at approximately 50-70kDa). SOS1 is expressed with a 6 amino acid His tag at C-Terminus and purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered colorless solution.

Synonyms:

SOS Ras/Rac Guanine Nucleotide Exchange Factor 1, Gingival Fibromatosis, Hereditary, 1, SOS-1, Son Of Sevenless Homolog 1 (Drosophila), Guanine Nucleotide Exchange Factor, Son Of Sevenless Homolog 1, GINGF, GGF1, GF1, HGF, NS4, Son of sevenless homolog 1.

Formulation:

SOS1 protein solution (0.25mg/ml) contains 20mM Tris-HCl (pH 7.5), 30% glycerol, 0.1M NaCl, 1mM DTT & 0.2mM MgCl₂.

Purity:

Greater than 95.0% as determined by SDS-PAGE.

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.

Amino Acid Sequence:

ADPEEQMRLP SADVYRFAEP DSEENIIFEE NMQPKAGIPI IKAGTVIKLI ERLTYHMYAD PNFVRTFLT
YRSECKPQEL LSLIERFEI PEPEPEADR IAIENGDQPL SAEKRFERKE YIQPVQLRVL NVCRHWVEHH
FYDFERDAYL LQRMEEFIGT VRGKAMKKWV ESITKIIQRK KIARDNGPGH NITFQSSPPT VEWHSRPGH
IETFDLLTLH PIEIARQLTL LESDLYRAVQ PSELVGSVWT KEDKEINSPN LLKMIRHTTN LTLWFEKIV
ETENLEERVA VVSRIIEILQ VFQELNNFNG VLEVVSAMNS SPVYRLDHTF EQIPSRQKKI LEEAHELSED
HYKKYLAKLR SINPPCVPPF GIYLTNILKT EGNPEVLKR HGKELINFSK RRVKVAEITGE IQQYQNQPYC
LRVESDIKRF FENLNPMGNS MEKEFTDYLF NKSLEIEPRN PKPLPRFPKK YSYPLKSPGV RPSNPRPGTH HHHHH.