

Recombinant Full Length Arabidopsis Thaliana Surfeit Locus Protein 1(Surf1) Protein, His-Tagged

Cat. No. RFL31692AF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Arabidopsis thaliana Surfeit locus protein 1(SURF1) Protein (Q9SE51) (1-354aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Arabidopsis thaliana
Source	E.coli
ProteinLength	Full Length (1-354)
Form	Lyophilized powder
AA Sequence	MATSLSKILTRSN TKRYWCSTTTT SISASPSLPKQFWSRHFS AVADSSSSSSAALGSQ SSS SAPPQENKRGSKWSQLLLFLPGAITFGLGSWQIVRREEKFKTLEYQQQRLNME PIKLNID HPLDKNLNALEFRRVSCCKGVFDEQRSIYLGPRSR SISGITENGFFVITPLMP IPGDLDSM QSPILVNRGWVPRSWREKSQESAEAEFIANQSTKAKSPSNEPKSWWWK FWSKTPVITKEHI SAVKPVEVVG VIRGGENPSIFVPSNDPSTGQWFYVDVPAMARA VGLPENTIYVEDVHEHV DRSRPYPVPKDINTLIRSKVMPQDHLNYSITWYSLSAAVT FMAYKRLKAKPVRR
Purity	Greater than 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

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Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Storage Buffer	Tris/PBS-based buffer, 6% Trehalose, pH 8.0
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
GENE INFORMATION	
Gene Name	SURF1
Synonyms	SURF1; EMB3121; At3g17910; MEB5.13; Surfeit locus protein 1; Surfeit 1; Cytochrome c oxidase assembly protein SURF1; Protein EMBRYO DEFECTIVE 3121; Surfeit locus 1 cytochrome c oxidase biogenesis protein
UniProt ID	Q9SE51