

Recombinant Human SSH3 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. SSH3-4993H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	SSH3 MS Standard C13 and N15-labeled recombinant protein (NP_060327) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	The ADF (actin-depolymerizing factor)/cofilin family is composed of stimulus-responsive mediators of actin dynamics. ADF/cofilin proteins are inactivated by kinases such as LIM domain kinase-1 (LIMK1). The SSH family appears to play a role in actin dynamics by reactivating ADF/cofilin proteins in vivo.
Molecular Mass	73 kDa
AA Sequence	MALVTVSRSPPGSGASTPVGPDQAVQRRSRLQRRQSFAVLRGAVLGLQDGGDN DDAAEASSEPTKAPSEEEELHGDQTDGFGGSQSPQKQEEQRQHLHLMVQLLRPQD DIRLAAQLEAPRPPRLRYLLVVSTREGEGLSQDETLLGVDFPDSSSPSCTLGLVLPL WSDTQVYLDGDDGFSVTSGGQSRIFKPISIQTMWATLQVLHQACEAALGSGLVPGG SALTWASHYQERLNSEQSCLNEWTAMADLESRLPPSAEPGGSSESEQEQMEQAIRAE LWKVLDVSDLESVTSKEIRQALELRLGLPLQYRDFIDNQMLLLVAQRDRASRIFPHL YLGSEWNAANLEELQRNRVTHILNMAREIDNFYPERFTYHNVRLWDEESAQLLPHW KETHRFIEAARAQGTHTVLVHCKMGVSRSAATVLAYAMKQYECSEALRHVQELRP IARPNPGFLRLQIYQGILTASRQSHVWEQKVGGSPEEHPAPEVSTPFPLPPEPE

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GGGEEKVVGMEESQAAPKEEPGPRPRINLRGVMRSISLLEPSLELESTSETSDMPE
VFSSHESSHEEPLQFPQLARTKGGQVDRGPQPALKSRQSVVTLQGSAVVANRT
QAFQEQQGQGQGQGEPCISSTPRFRKVVRQASVHDSGEEGEATRTRPLEQKLIS
EEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name SSH3 slingshot protein phosphatase 3 [Homo sapiens (human)]

Official Symbol SSH3

Synonyms SSH3; slingshot homolog 3 (Drosophila); protein phosphatase Slingshot homolog 3; FLJ10928; FLJ20515; SSH-3L; hSSH-3L; slingshot 3; SSH-like protein 3; SSH3L; FLJ42240;

Gene ID 54961

mRNA Refseq NM_017857

Protein Refseq NP_060327

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MIM	606780
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UniProt ID	Q8TE77
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