

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

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

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | SSH3 MS Standard C13 and N15-labeled recombinant protein (NP_060327) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Description</b>      | 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.                                                                                                                                                                                                                                        |
| <b>Molecular Mass</b>   | 73 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>AA Sequence</b>      | MALVTVSRSPPGSGASTPVGPDQAVQRRSRLQRRQSFAVLRGAVLGLQDGGDN<br>DDAAEASSEPTKAPSEEEELHGDQTDGFGGSQSPQKQEEQRQHLHLMVQLLRPQD<br>DIRLAAQLEAPRPPRLRYLLVVSTREGEGLSQDETLLGVDFPDSSSPSCTLGLVLPL<br>WSDTQVYLDGDDGGFSVTSGGQSRIFKPISIQTMWATLQVLHQACEAALGSGLVPGG<br>SALTWASHYQERLNSEQSCLNEWTAMADLESRLPPSAEPGGSSESEQEQMEQAIRAE<br>LWKVLDVSDLESVTSKEIRQALELRLGLPLQYRDFIDNQMLLLVAQRDRASRIFPHL<br>YLGSEWNAANLEELQRNRVTHILNMAREIDNFYPERFTYHNVRWLWDEESAQLLPHW<br>KETHRFIEAARAQGTHTVLVHCKMGVSRSAATVLAYAMKQYECSEALRHVQELRP<br>IARPNPGFLRLQIYQGILTASRQSHVWEQKVGGSPEEHPAPEVSTPFPLPPEPE |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

GGGEEKVVGMEESQAAPKEEPGPRPRINLRGVMRSISLLEPSLELESTSETSDMPE  
VFSSHESSHEEPLQFPQLARTKGGQQVDRGPQPALKSRQSVVTLQGSAVVANRT  
QAFQEQQEQGQGQGGEPCISSTPRFRKVVRQASVHDSGEEGEATRTRPLEQKLIS  
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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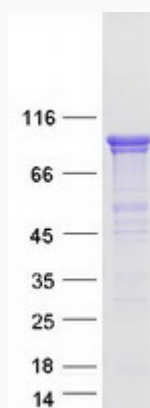
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MIM 606780

UniProt ID Q8TE77

SDS-PAGE



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