

Recombinant Human SSH3 cell lysate

Cat. No. SSH3-1695HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Description	The ADF (actin-depolymerizing factor)/cofilin family (see MIM 601442) is composed of stimulus-responsive mediators of actin dynamics. ADF/cofilin proteins are inactivated by kinases such as LIM domain kinase-1 (LIMK1; MIM 601329). The SSH family appears to play a role in actin dynamics by reactivating ADF/cofilin proteins in vivo (Niwa et al., 2002 [PubMed 11832213]).
Size	100 ul
Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Applications	Western Blot;

GENE INFORMATION

Gene Name	SSH3 slingshot homolog 3 (Drosophila) [Homo sapiens]
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;

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Gene ID	54961
mRNA Refseq	NM_017857
Protein Refseq	NP_060327
MIM	606780
UniProt ID	Q8TE77
Chromosome Location	11q13
Pathway	Regulation of Actin Cytoskeleton, organism-specific biosystem; Regulation of actin cytoskeleton, organism-specific biosystem; Regulation of actin cytoskeleton, conserved biosystem;
Function	actin binding; hydrolase activity; protein tyrosine phosphatase activity; protein tyrosine/serine/threonine phosphatase activity;

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