

Recombinant Human SSH2 cell lysate

Cat. No. SSH2-1694HCL Lot. No. (See product label)

SPECIFICATION

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	SSH2 slingshot homolog 2 (Drosophila) [Homo sapiens]
Official Symbol	SSH2
Synonyms	SSH2; slingshot homolog 2 (Drosophila); protein phosphatase Slingshot homolog 2; KIAA1725; SSH-2L; hSSH-2L; slingshot 2; SSH-like protein 2; SSH-2; MGC78588;
Gene ID	85464

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mRNA Refseq	NM_033389
Protein Refseq	NP_203747
MIM	606779
UniProt ID	Q76I76
Chromosome Location	17q11.2
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; phosphoprotein phosphatase activity; protein tyrosine phosphatase activity; protein tyrosine/serine/threonine phosphatase activity;

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