

Recombinant Human SHC4 Protein, MYC/DDK-tagged, C13 and N15-labeled

Cat. No. SHC4-355H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	SHC4 MS Standard C13 and N15-labeled recombinant protein (NP_976224) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	Activates both Ras-dependent and Ras-independent migratory pathways in melanomas. Contributes to the early phases of agrin-induced tyrosine phosphorylation of CHRN1.
Molecular Mass	68.7 kDa
AA Sequence	MRERGGDSLGLVLYVGLFGHPGMLHRAKYSRFRNESITSLDEGSSGGSVGDKGS PQPPHPALAPHLPTEDATLPSQESPTPLCTLIPRMASKLANPATLLSLKNFCLGTKE VPRLKLQESRDPGSSGPSSPETSLSRSGTAPPPQQDLVGHRATALTDPSCPLPGPG EPTLRSRQDRHFLQHLLGMGMNYCVRYMGCVEVLQSMRSLDFGMRTQVTREAIR LCEAVPGANGAIKKRKPPVEFLSTVLGKSNLQFSGMNIKLITCSLTLMNLDNQIIA NHHMQSISFASGGDPDTTDYVAYVAKDPVNQRACHILECHNGMAQDVISTIGQAFEL RFKQYLKNPSLNTSCSEEVHIDSHAEEREDHEYNEIPGKQPPVGGVSDMRIKVQ ATEQMAYCPIQCEKLCYLPGNKCSSVYENCLEQSRAIGNVHPRGVQSQRGTSLLK HTCRVDLFDPCYINTQALQSTPGSAGNQRSAPLGSPWHCGKAPETVQPGATAQ PASSHSLPHIKQQLWSEECYHGKLSRKAESLLVKDGDFLVRESATSPGQYVLSGL

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	QGGQAKHLLLVDPEGKVRTKDHVFDNVGHLIRYHMDNSLPIISSGSEVSLKQPVRKD NNPALLHSNKTRTRPLEQKLISEEDLAANDILDYKDDDDKV
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	SHC4 SHC (Src homology 2 domain containing) family, member 4 [Homo sapiens (human)]
Official Symbol	SHC4
Synonyms	SHC4; SHC (Src homology 2 domain containing) family, member 4; SHC-transforming protein 4; rai like protein; RaLP; hShcD; rai-like protein; SH2 domain protein C4; SHC-transforming protein D; src homology 2 domain-containing-transforming protein C4; SHCD; MGC34023;
Gene ID	399694
mRNA Refseq	NM_203349
Protein Refseq	NP_976224

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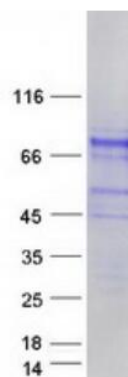
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MIM 600781

UniProt ID Q6S5L8

SDS-PAGE



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