Recombinant Human SHC4 protein, GST-tagged

Cat. No. SHC4-7854H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SHC4 protein(324-630 aa), fused with N-terminal GST tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	324-630 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na_2HPO_4, 17 mM NaH_2PO_4, 68 mM NaCl, pH 8.0). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 100 mM reduced glutathione (GSH).
AASequence	NGMAQDVISTIGQAFELRFKQYLKNPSLNTSCESEEVHIDSHAEEREDHEYYNEIPG KQPPVGGVSDMRIKVQATEQMAYCPIQCEKLCYLPGNSKCSSVYENCLEQSRAIGN VHPRGVQSQRGTSLLKHTCRVDLFDDPCYINTQALQSTPGSAGNQRSAQPLGSPW HCGKAPETVQPGATAQPASSHSLPHIKQQLWSEECYHGKLSRKAAESLLVKDGDFL VRESATSPGQYVLSGLQGGQAKHLLLVDPEGKVRTKDHVFDNVGHLIRYHMDNSLP IISSGSEVSLKQPVRKDNNPALLHSNK
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months,

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	reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.
Reconstitution	Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 g/µl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

GENE INFORMATION

Gene Name	SHC4 SHC (Src homology 2 domain containing) family, member 4 [Homo sapiens]
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
UniProt ID	Q6S5L8

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SDS-PAGE	

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