

Recombinant Human SHPRH protein, His-tagged

Cat. No. SHPRH-2666H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SHPRH protein(1334-1683 aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1334-1683 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH 7.4). 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 300 mM imidazole.
AASequence	EYKLLHEYWMALRNRVSAVDELAMATERLRVRDPREPKNPPVLHIIEPHEVEQNRI KLLNDKAFATSQLQKKLGQLLYLTNLEKSQDKTSGGVNPEPCPICARQLGKQWAVL TCGHCFECNECISIIIEQYSVSGSHRSSIKCAICRQTTSHKEISYVFTSEKANQEEDIPVKG SHSTKVEAVVRTLMKIQLRDPGAKALVFSTWQDVLDIISKALTDNNMEFAQISRVKTF QENLSAFKRDPQINILLPLHTGSNGLTIEATHVLLVEPILNPAHELQAIGRVHRIGQT KPTIVHRFLIKATIEERMQAMLKTAERSHTNSSAKHSEASVLTVADLADLFTKETEELE
Purity	80%, 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 12 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid

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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

SHPRH SNF2 histone linker PHD RING helicase, E3 ubiquitin protein ligase [Homo sapiens]

Official Symbol

SHPRH

Synonyms

SHPRH; SNF2 histone linker PHD RING helicase, E3 ubiquitin protein ligase; SNF2 histone linker PHD RING helicase; E3 ubiquitin-protein ligase SHPRH; bA545I5.2; FLJ90837; KIAA2023; 2610103K11Rik; SNF2, histone-linker, PHD and RING finger domain-containing helicase; FLJ27258; FLJ37625; FLJ45012; MGC134886;

Gene ID

257218

mRNA Refseq

NM_001042683

Protein Refseq

NP_001036148

MIM

608048

UniProt ID

Q149N8

SDS-PAGE

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