

Recombinant Human SMURF2 protein, His-tagged

Cat. No. SMURF2-5743H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SMURF2 protein(390-748 aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	390-748 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	AGHCRIEVSREEIFEESYRQVMKMRPKDLWKRLMIKFRGEEGLDYGGVAREWLYLL SHEMLNPYYGLFQYSRDDIYTLQINPDSAVNPEHLSYFHFVGRIMGMAVFHGHYIDG GFTLPFYKQLLGKSITLDDMELVDPDLHNSLVWILENDITGVLDTFCVEHNAYGEIIQ HELKPNGKSIPVNEENKKEYVRLYVNWRFRLRGIEAQFLALQKGFNEVIPQHLLKTFDE KELELIICGLGKIDVNDWKVNTLRKHCTPDSNIVKFWFKAVEFFDEERRARLLQFVT GSSRVPLQGFKALQGAAGPRLFTIHQIDACTNNLPKAHTCFNRIDIPPYESYEKLYEK LLTAIEETCGFAVE
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 SMURF2 SMAD specific E3 ubiquitin protein ligase 2 [Homo sapiens]

Official Symbol SMURF2

Synonyms

SMURF2; SMAD specific E3 ubiquitin protein ligase 2; E3 ubiquitin-protein ligase SMURF2; hSMURF2; E3 ubiquitin ligase SMURF2; SMAD ubiquitination regulatory factor 2; SMAD-specific E3 ubiquitin-protein ligase 2; MGC138150; DKFZp686F0270;

Gene ID 64750

mRNA Refseq NM_022739

Protein Refseq NP_073576

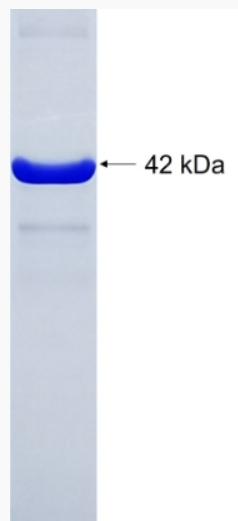
MIM 605532

UniProt ID Q9HAU4

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SDS-PAGE

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