

Recombinant Human SMURF2, FLAG-tagged

Cat. No. SMURF2-468H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SMURF2 (amino-acids 130-end) was expressed in a Baculovirus infected Sf9 cell expression system with N-terminal FLAG tag, MW= 72 kDa.
Species	Human
Source	Sf9 Cells
ProteinLength	130-end a.a.
Description	SMURF2 has been shown to interact with Mothers against decapentaplegic homolog 7, SCYE1, SMURF1, Mothers against decapentaplegic homolog 3, Ubiquitin C, Mothers against decapentaplegic homolog 1 and Mothers against decapentaplegic homolog 2.
Formulated In	25 mM Tris-HCl, pH 8.0, 100 mM NaCl, 0.05% Tween-20, 100 µg/ml FLAG peptide, 20% glycerol, and 3 mM DTT.
Application	Useful in conjunction with E1 and E2 for the study of enzyme kinetics, screening inhibitors, and selectivity profiling.
Purity	> 80%.
Stability	>6 months at -80°C.

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GENE INFORMATION

Gene Name	SMURF2 SMAD specific E3 ubiquitin protein ligase 2 [Homo sapiens]
Synonyms	SMAD specific E3 ubiquitin protein ligase 2; MGC138150; DKFZp686F0270; SMURF2; E3 ubiquitin ligase SMURF2; EC 6.3.2.-; hSMURF2; SMAD ubiquitination regulatory factor 2; SMAD-specific E3 ubiquitin-protein ligase 2
Gene ID	64750
mRNA Refseq	NM_022739
Protein Refseq	NP_073576
MIM	605532
UniProt ID	Q9HAU4
Chromosome Location	17q22-q23
Pathway	Endocytosis; TGF-beta signaling pathway; Ubiquitin mediated proteolysis; Signaling by BMP; Signaling by TGF beta
Function	acid-amino acid ligase activity; identical protein binding; ligase activity; ubiquitin-protein ligase activity

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