

## Recombinant Human SMURF2, FLAG-tagged

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

### SPECIFICATION

<b>Product Overview</b>	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.
<b>Species</b>	Human
<b>Source</b>	Sf9 Cells
<b>ProteinLength</b>	130-end a.a.
<b>Description</b>	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.
<b>Formulated In</b>	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.
<b>Application</b>	Useful in conjunction with E1 and E2 for the study of enzyme kinetics, screening inhibitors, and selectivity profiling.
<b>Purity</b>	> 80%.
<b>Stability</b>	>6 months at -80°C.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

## GENE INFORMATION

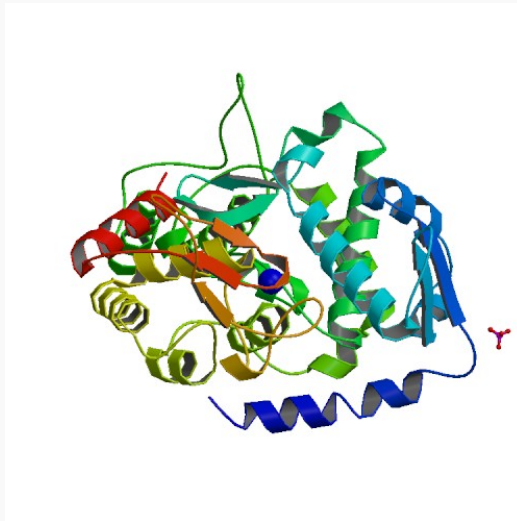
<b>Gene Name</b>	SMURF2 SMAD specific E3 ubiquitin protein ligase 2 [ Homo sapiens ]
<b>Synonyms</b>	SMAD specific E3 ubiquitin protein ligase 2; MGC138150; DKFZp686F0270; SMURF2; E3 ubiquitin ligase SMURF2; EC 6.3.2.-; hSMURF2; SMAD ubiquitination regulatory factor 2; SMAD-specific E3 ubiquitin-protein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

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