

## Recombinant Human UFSP2 protein, GST-tagged

**Cat. No.** UFSP2-33H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human UFSP2(120-469aa) fused with GST tag was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	120-469 a.a.
<b>Description</b>	This gene encodes a highly conserved cysteine protease. The protein cleaves two C-terminal residues from ubiquitin-fold modifier 1, a ubiquitin-like post-translational modifier protein. Activation of ubiquitin-fold modifier 1 by the encoded protein exposes a C-terminal glycine residue that allows interaction with other proteins and transfer to its target protein. An allelic variant of this gene has been associated with Beukes hip dysplasia. Alternative splicing results in multiple transcript variants.
<b>Form</b>	Protein lyophilized in sterile PBS (58 mM Na <sub>2</sub> HPO <sub>4</sub> , 17 mM NaH <sub>2</sub> PO <sub>4</sub> , 68 mM NaCl, 100 mM GSH, pH 8.0) and 10% glycerol.
<b>AA Sequence</b>	MLEMSTSLAAVTPIIERESGGHHYVNMTLPVDAVISVAPEETWGKVRKLLVDAIHNQL TDMEKCILKYMKGTSIVVPEPLHFLLPGKKNLVTISYPSGIPDGQLQAYRKELHDLFNL PHDRPYFKRSNAYHFPDEPYKDG YIRNPHTYLNPPNMETGMIIYVVQGIYGYHHYMQ DRIDDNGWGCA YRSLQTICSWFKHQGYTERSIPHTREIQQALVDAGDKPATFVGSR QWIGSIEVQLVLNQLIGITSKILFVSQGSEIASQGREL ANHFQSEGTPVMIGGGVLAHT ILGVAWNEITGQIKFLILDPHYTGAEDLQVILEKGWCGWKGPDFWNKDAYYNLCLPQ

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RPNMI

**Storage**

Aliquot and store at -20 centigrade to -80 centigrade for up to 6 months. Avoid freeze thaw cycles.

**Shipping**

The product is shipped with ice packs. Upon receipt, store it immediately at -20 centigrade to -80 centigrade.

## GENE INFORMATION

**Gene Name**

UFSP2 UFM1-specific peptidase 2 [ Homo sapiens ]

**Official Symbol**

UFSP2

**Synonyms**

UFSP2; UFM1-specific peptidase 2; C4orf20, chromosome 4 open reading frame 20; ufm1-specific protease 2; FLJ11200; C4orf20;

**Gene ID**

55325

**mRNA Refseq**

NM\_018359

**Protein Refseq**

NP\_060829

**MIM**

611482

**UniProt ID**

Q9NUQ7

**Chromosome Location**

4q35.1

**Function**

peptidase activity; small conjugating protein-specific protease activity; thiolester hydrolase activity;

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