

## Recombinant Human UFSP2 protein, GST-tagged

**Cat. No.** UFSP2-10H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human UFSP2(1 a.a. - 469 a.a.) fused with GST tag at N-terminal was expressed in Wheat Germ.
<b>Species</b>	Human
<b>Source</b>	Wheat Germ
<b>ProteinLength</b>	1 a.a. - 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>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
<b>Molecular Mass</b>	79.6 kDa
<b>AA Sequence</b>	MVISESMDILFRIRGGDLDAFQLATPNEIFLKKALKHVLSDLSTKLSSNALVFRICHSSV YIWSSDINTIPGELTDASACKTILRFIQFEPEEDIKRKFMRKKDKKLSDMHQIVNIDLM LEMSTSLAAVTPIIERESGGHHYVNMTLPVDAVISVAPEETWGKVRKLLVDAIHNQLT DMEKCILKYMKGTSIVVPEPLHFLLPGKKNLVTISYPSGIPDGQLQAYRKELHDLFNL PHDRPYFKRSNAYHFPDEPYKDG YIRNPHTYLNPPNMETGMIYVVQGIYGYHHYMQ

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DRIDDNGWGCA YRSLQTICSWFKHQGYTERSIPTHREIQQALVDAGDKPATFVGSR  
 QWIGSIEVQLVLNQLIGITSKILFVSQGSEIASQGRELANHFQSEGTPVMIGGGVLAHT  
 ILGVAWNEITGQIKFLILDPHYTGAEDLQVILEKGWCGWKGPDFWNKDAYYNLCLPQ  
 RPNMI

**Applications**

Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein);  
 Antibody Production; Protein Array

**Notes**

Best use within three months from the date of receipt of this protein.

**Storage**

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

## 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

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<b>Chromosome Location</b>	4q35.1
<b>Function</b>	peptidase activity; small conjugating protein-specific protease activity; thiolester hydrolase activity;

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