

Recombinant Human UFSP2 protein, GST-tagged

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

SPECIFICATION

Product Overview	Recombinant Human UFSP2(120-469aa) fused with GST tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	120-469 a.a.
Description	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.
Form	Protein lyophilized in sterile PBS (58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, 100 mM GSH, pH 8.0) and 10% glycerol.
AA Sequence	MLEMSTSLAAVTPIIERESGGHHYVNMTLPVDAVISVAPEETWGKVRKLLVDAIHNQL TDMEKCILKYMKGTSIVVPEPLHFLLPGKKNLVTISYPSGIPDGQLQAYRKELHDLFNL PHDRPYFKRSNAYHFPDEPYKDG YIRNPHTYLNPPNMETGMIYVVQGIYGYHHYMQ DRIDDNGWGCA YRSLQTICSWFKHQGYTERSIPTHREIQALVDAGDKPATFVGSR QWIGSIEVQLVLNQLIGITSKILFVSQGSEIASQGREL ANHFQSEGTPVMIGGGVLAHT ILGVAWNEITGQIKFLIDPHYTGAEDLQVILEKGWCGWKGPDFWNKDAYYNLCLPQ

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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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