

Recombinant Full Length Human UFSP2 Protein, GST-tagged

Cat. No. UFSP2-725HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human UFSP2(1 a.a. - 469 a.a.) fused with GST tag at N-terminal was expressed in Wheat Germ.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	469 amino acids
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	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	79.6 kDa
AA Sequence	MVISESMDIL FRIRGGDLA FQLATPNEIF LKKALKHVLS DLSTKLSSNA LVFRICHSSV YIWPSSDINT IPGELTDASA CKTILRFIQF EPEEDIKRKF MRKKDKKLS D MHQIVNIDLM LEMSTSLAAV TPIIERESGG HHYVNMTPV DAVISVAPEE TWGKVRKLLV DAIHNQLTDM EKCILKYMKG TSIVVPEPLH FLLPGKKNLV TISYPSGIPD GQLQAYRKEL HDLFNLPHDR PYFKRSNAYH

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FPDEPYKDG Y IRNPHTYLN P PNMETGMIYV VQGIYGYHHY MQDRIDDNGW
 GCAYRSLQTI CSWFKHQGYT ERSIPHTREI QQALVDAGDK PATFVGSRQW
 IGSIEVQLVL NQLIGITSKI LFVSQGSEIA SQGRELANHF QSEGTPVMIG
 GGVLAHTILG VAWNEITGQI KFLILDPHYT GAEDLQVILE KGWCGWKGPD
 FWNKDAYYNL CLPQRPNMI

Applications

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

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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