

Recombinant Full Length Human UFSP2 Protein, GST-tagged

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

SPECIFICATION

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| 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 FRIRGGLDLA FQLATPNEIF LKKALKHVLS DLSTKLSSNA LVFRICHSSV YIWPSSDINT IPGELTDASA CKTILRFIQF EPEEDIKRKF MRKKDKKLSL MHQIVNIDLM LEMSTSLAAV TPIIERESGG HHYVNMTLPV DAVISVAPEE TWGKVRKLLV DAIHNQLTDM EKCILKYMKG TSIVVPEPLH FLLPGKKNLV TISYPSGIPD GQLQAYRKEL HDLFNLPHDR PYFKRSNAYH |

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

FPDEPYKDG Y IRNPHTYLN P PNMETGMIYV VQGIYGYHHY MQDRIDDNGW
 GCAYRSLQTI CSWFKHQGYT ERSIPHTREI QQALVDAGDK PATFVGSRQW
 IGSIEVQLVL NQLIGITSKI LFVSQGSEIA SQGRELANHF QSEGTPVMIG
 GGVL AHTILG 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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