

Recombinant Human UFSP2 HEK293T cell lysate

Cat. No. UFSP2-09HL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human UFSP2 derived in Human HEK293T cell line.
Species	Human
Source	HEK293
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	1 vial of 100 ug gene specific transient over-expression cell lysate in RIPA buffer 1 vial of 100 ?g empty vector transfected control cell lysate in RIPA buffer 1 vial of 250ul 2xSDS Sample Buffer (4% SDS, 125mM Tris-HCl pH6.8, 10% Glycerol, 0.002% Bromphenol blue, 100mM DTT)
Molecular Mass	53.1 kDa
Storage	The lysate is shipped with dry ice. Upon receiving, store the sample at -20 centigrade. Lysate samples are stable for 12 months from date of receipt when stored at -20 centigrade. Avoid repeated freeze-thaw cycles. Lysate samples can be diluted with 2xSDS Sample Buffer provided. After dilution, the protein sample should be aliquoted and stored at -20 centigrade for long term

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storage. Prior to SDS-PAGE fractionation, boil the lysate for 5 minutes.

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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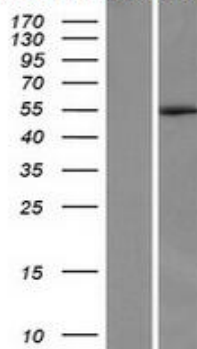
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Western validation with an anti-DDK antibody*

L: Control HEK293 lysate

R: Over-expression lysate

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