

Product datasheet for **AR50680PU-S**

UFSP1 (1-142, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	UFSP1 (1-142, His-tag) human recombinant protein, 50 µg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSMGDKPPG FRGSRDWIGC VEASLCLAHF GGPQGRLLCHV PRGVGLHGEL ERLYSHFAGG GGPVMVGGDA DARSKALLGV CVGSGTEAYV LVLDPHYWGT PKSPSELQAA GWVGWQEVSA AFDPNFYNL CLTSLSSQQQ QRTLD
Tag:	His-tag
Predicted MW:	17 kDa
Concentration:	lot specific
Purity:	>90% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.5) containing 0.2M NaCl, 30% glycerol, 1 mM DTT
Preparation:	Liquid purified protein
Protein Description:	Recombinant human UFSP1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_001015072
Locus ID:	402682
UniProt ID:	Q6NVU6
Cytogenetics:	7q22.1
Synonyms:	UFSP



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Summary:

This gene encodes a protein that is similar to other Ufm1-specific proteases. Studies in mouse determined that Ufsp1 releases Ufm1 (ubiquitin-fold modifier 1) from its bound conjugated complexes which also makes it into an active form. Because the human UFSP1 protein is shorter on the N-terminus and lacks a conserved Cys active site, it is predicted to be non-functional.[provided by RefSeq, Nov 2009]

Product images: