

Product datasheet for **AR50427PU-N**

UBE2M (1-183, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	UBE2M (1-183, His-tag) human recombinant protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSHEMIKLFSLKQKKKEEES AGGTLKGGSSKK ASAAQLRIQK DINELNLPKT CDISFSDPDD LLNFKLVICP DEGFYKSGKF VFSFKVGGY PHDPPKVKCE TMVYHPNIDL EGNVCLNLR EDWKPVLTLN SIIYGLQYLF LEPNPEDPLN KEAAEVLQNN RRLFEQNVQR SMRGGYIGST YFERCLK
Tag:	His-tag
Predicted MW:	23.5 kDa
Concentration:	lot specific
Purity:	>95% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 20% glycerol, 0.2M NaCl, 1 mM DTT
Preparation:	Liquid purified protein
Protein Description:	Recombinant human UBE2M protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.
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_003960
Locus ID:	9040
UniProt ID:	P61081 , A0A024R4T4
Cytogenetics:	19q13.43
Synonyms:	hUbc12; UBC-RS2; UBC12



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Summary:

The modification of proteins with ubiquitin is an important cellular mechanism for targeting abnormal or short-lived proteins for degradation. Ubiquitination involves at least three classes of enzymes: ubiquitin-activating enzymes, or E1s, ubiquitin-conjugating enzymes, or E2s, and ubiquitin-protein ligases, or E3s. This gene encodes a member of the E2 ubiquitin-conjugating enzyme family. The encoded protein is linked with a ubiquitin-like protein, NEDD8, which can be conjugated to cellular proteins, such as Cdc53/culin. [provided by RefSeq, Jul 2008]

Protein Pathways:

Ubiquitin mediated proteolysis

Product images: