

## OriGene Technologies, Inc.

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## Product datasheet for TP720986

## UBE2M (NM\_003969) Human Recombinant Protein

## **Product data:**

Description:Purified recombinant protein of Human ubiquitin-conjugating enzyme E2M (UBE2M)Species:HumanExpression Host:E. coliExpression cDNA Clom or AA Sequence:Met1-Lys183Tag:Dag FreeTag:Tag FreePredicted MW:20.9 kDaPurity:Povided lyophilized from a 0.2 µm filtered solution of 20 mM Tris-HCl, 150 mM NaClBuffer:EndotoxineFordotaxine:Store at -80°C.Storage:Store at -80°C.RefSeq:Met 0.33960Locus ID:940Mumor Liner Liner Solution Solution of 20 mM Tris-HCl 150 mM MollRefSeq Size:1536Cytogenetics:1536Storage:1536Cytogenetics:1541.30.3024R4T4RefSeq ORF:549Synonyms:Kubl2; UBC-RS2; UBC12	Product Type:	Recombinant Proteins
Fxpression Host:E. coliExpression cDNA Clome or AA Sequence:E. coliTag:Tag FreeTag:Tag FreePredicted MW:90% as determined by SDS-PAGE and Coomassie blue stainingPurity:95% as determined by SDS-PAGE and Coomassie blue stainingBuffer:Provided lyophilized from a 0.2 µm filtered solution of 20 mM Tris-HCl, 150 mM NaClBuffer:Endotoxin level is < 0.1 ng/µg of protein (< 1 EU/µg)	Description:	Purified recombinant protein of Human ubiquitin-conjugating enzyme E2M (UBE2M)
A sequence:Met1-Lys183Tag:Tag FreePredicted MW:0.9 kDaPurity:>95% a determined by SDS-PAGE and Coomassie blue stainingBuffer:Provided Iyophilized from a 0.2 µm filtered solution of 20 mM Tris-HCl, 150 mM NaClBuffer:Frovided Iyophilized from a 0.2 µm filtered solution of 20 mM Tris-HCl, 150 mM NaClStorage:Stora t-80°C.Stability:Stable for at least 3 months from date of receipt under proper storage and handling conditions.RefSeq:NP 003960IniProt ID:9040RefSeq Size:1536Stability:1536Stability:1913.43Stabel Size:1913.43	Species:	Human
or AA Sequence:Tag:Tag FreePredicted MW:20.9 kDaPurity:>95% as determined by SDS-PAGE and Coomassie blue stainingBuffer:Provided lyophilized from a 0.2 µm filtered solution of 20 mM Tris-HCl, 150 mM NaClEndotoxin:Endotoxin level is < 0.1 ng/µg of protein (< 1 EU/µg)Storage:Store at -80°C.Stability:Stable for at least 3 months from date of receipt under proper storage and handling conditions.RefSeq:NP 003960Locus ID:9040VniProt ID:P61081, A0A024R4T4RefSeq Size:1536Cytogenetics:9041.343Stable Son RefSeq Size:1549	Expression Host:	E. coli
Predicted MW:20.9 kDaPurity:>95% as determined by SDS-PAGE and Coomassie blue stainingBuffer:Provided lyophilized from a 0.2 µm filtered solution of 20 mM Tris-HCl, 150 mM NaClEndotoxin:Endotoxin level is < 0.1 ng/µg of protein (<1 EU/µg)	•	Met1-Lys183
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Buffer:Provided lyophilized from a 0.2 µm filtered solution of 20 mM Tris-HCl, 150 mM NaClEndotoxin:Endotoxin level is < 0.1 ng/µg of protein (< 1 EU/µg)	Predicted MW:	20.9 kDa
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UniProt ID: P61081, A0A024R4T4   RefSeq Size: 1536   Cytogenetics: 19q13.43   RefSeq ORF: 549	RefSeq:	<u>NP 003960</u>
RefSeq Size: 1536   Cytogenetics: 19q13.43   RefSeq ORF: 549	Locus ID:	9040
Cytogenetics: 19q13.43   RefSeq ORF: 549	UniProt ID:	<u>P61081, A0A024R4T4</u>
RefSeq ORF: 549	RefSeq Size:	1536
	Cytogenetics:	19q13.43
Synonyms: hUbc12; UBC-RS2; UBC12	RefSeq ORF:	549
	Synonyms:	hUbc12; UBC-RS2; UBC12



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	UBE2M (NM_003969) Human Recombinant Protein – TP720986
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 Pathwa	ays: Ubiquitin mediated proteolysis

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