

Product datasheet for TP311076L

OriGene Technologies, Inc.

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UBL5 (NM_001048241) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human ubiquitin-like 5 (UBL5), transcript variant 2, 1 mg

Species: Human
Expression Host: HEK293T

Expression cDNA Clone >RC211076 protein sequence or AA Sequence: Red=Cloning site Green=Tags(s)

MIEVVCNDRLGKKVRVKCNTDDTIGDLKKLIAAQTGTRWNKIVLKKWYTIFKDHVSLGDYEIHDGMNLEL

YYQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 8.4 kDa

Concentration: >0.05 μg/μL as determined by microplate BCA method

Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

Preparation: Recombinant protein was captured through anti-DDK affinity column followed by

conventional chromatography steps.

Note: For testing in cell culture applications, please filter before use. Note that you may experience

some loss of protein during the filtration process.

Storage: Store at -80°C.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and

handling conditions. Avoid repeated freeze-thaw cycles.

RefSeq: NP 001041706

 Locus ID:
 59286

 UniProt ID:
 Q9BZL1

 RefSeq Size:
 469

 Cytogenetics:
 19p13.2



UBL5 (NM_001048241) Human Recombinant Protein - TP311076L

RefSeq ORF: 219

Synonyms: HUB1

Summary: This gene encodes a member of a group of proteins similar to ubiquitin. The encoded protein

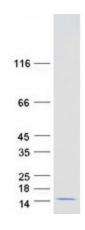
is not thought to degrade proteins like ubiquitin but to affect their function through being bound to target proteins by an isopeptide bond. The gene product has been studied as a link to predisposition to obesity based on its expression in Psammomys obesus, the fat sand rat, which is an animal model for obesity studies. Variation in this gene was found to be

significantly associated with some metabolic traits (PMID: 15331561) but not associated with childhood obesity (PMID: 19189687). Pseudogenes of this gene are located on chromosomes

3, 5 and 17. Multiple alternatively spliced variants, encoding the same protein, have been

identified. [provided by RefSeq, Jan 2013]

Product images:



Coomassie blue staining of purified UBL5 protein (Cat# [TP311076]). The protein was produced from HEK293T cells transfected with UBL5 cDNA clone (Cat# [RC211076]) using MegaTran 2.0 (Cat# [TT210002]).