

Product datasheet for **TP318737**

UROC1 (NM_144639) Human Recombinant Protein

Product data:

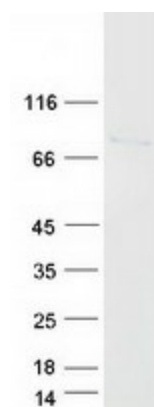
Product Type:	Recombinant Proteins
Description:	Recombinant protein of human urocanase domain containing 1 (UROC1), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC218737 protein sequence Red =Cloning site Green =Tags(s)
	<p>MSSLQALCSGLPLRPLPENRGRQAGVPHAPVRTPSLSPVEKQLALRNALRYFPPDVQELLAPEFAQELQL YGHYIMYRFCPDIEMRAYPIEQYPCQTKVAAAIMHMIMNNLDPVAQFPQELVYGGNGQVFSNWAQFWL TMFYLSKMTEEQLVMYSGHPLGLFPSSRSAPRLVITNGMVPINYSRTEYEKLFALGVTMYGQMTAGSY CYIGPQGIVHGTVLTVLNAARRYLGIEDLAGKVFVTSGLGGMSGAAKAAVIVGCIGVIAEVDKAALEKR HRQGWLM EVTDSLDRCIQRLREARKKKEVLSLGYHGNVVALWERLVHELDTTGECLVDLGDSDQTSCHNPF NGGYYPVQLSFTEAQLMASNPAVFKDLVQESLRRQVSAINRLAEEKFFFWDYGN AFLLEAQRAGADVEK KGAGRTEFRYPSYVQHIMGDIFSQGFPGFRWVCTSGDPQDLAVTDELATSVLEEAIADGVKVSVKLQYMD NIRWIREAARHLVVG SQARILYSDQKGRVAIAVAINQAIACRRIKAPVLSRDHHDVSGTDS PFRETSN IYDGS AFCADMAVQNFVGDACRGATWVALHNGGGVGVGGEVINGGFLVLDGTPEAEGRARLMLSWDVSN VARRCWSGNQKAYEII CQTMQENSTLVVTLPHKVEDERVLQALQL</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-Myc/DDK
Predicted MW:	74.7 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.



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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_653240
Locus ID:	131669
UniProt ID:	Q96N76
RefSeq Size:	3280
Cytogenetics:	3q21.3
RefSeq ORF:	2028
Synonyms:	HMFN0320; UROCD
Summary:	This gene encodes an enzyme involved in the second step of histidine catabolism, metabolizing urocanic acid to formiminoglutamic acid. Deficiency of this enzyme results in urocanic aciduria, and is an apparent cause of mental retardation. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Apr 2021]
Protein Pathways:	Histidine metabolism, Metabolic pathways

Product images:



Coomassie blue staining of purified UROC1 protein (Cat# TP318737). The protein was produced from HEK293T cells transfected with UROC1 cDNA clone (Cat# [RC218737]) using MegaTran 2.0 (Cat# [TT210002]).