

Product datasheet for PH315631

Ecat1 (KHDC3L) (NM_001017361) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	C6orf221 MS Standard C13 and N15-labeled recombinant protein (NP_001017361)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or	RC215631
AA Sequence:	
Predicted MW:	24.1 kDa
Protein Sequence:	<p>>RC215631 representing NM_001017361 Red=Cloning site Green=Tags(s)</p> <p>MDAPRRFPTLVQLMQPKAMPVEVLGHLPKRFSWFHSEFLKNPKVVRLEVWLVEKIFGRGGERIPHVQGM QILIHVNRLDPNGAEILVFGRPSYQEDTIKIMMNLADYHRQLQAKGSGKALAQDVATQKAETQRS REAGTQRSVEVREAGTQRSVEVQEVGTQGSPEVQEAQTQQLQAANKSGTQRSPEAASKAVTQRFREDA RDPVTRL</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C6, ¹⁵ N4]-L-Arginine and [U- ¹³ C6, ¹⁵ N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_001017361</u>
RefSeq Size:	1063
RefSeq ORF:	651



Synonyms: C6orf221; ECAT1; HYDM2

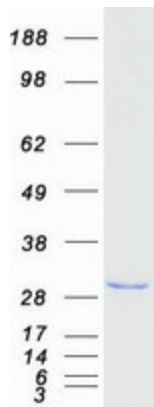
Locus ID: 154288

UniProt ID: [Q587J8](#)

Cytogenetics: 6q13

Summary: The protein encoded by this gene belongs to the KHDC1 family, members of which contain an atypical KH domain that may not bind RNA like canonical KH domains. This gene is specifically expressed in the oocytes, and recent studies suggest that it may function as a regulator of genomic imprinting in the oocyte. Mutations in this gene are associated with recurrent biparental complete hydatidiform mole. [provided by RefSeq, Dec 2011]

Product images:



Coomassie blue staining of purified KHDC3L protein (Cat# [TP315631]). The protein was produced from HEK293T cells transfected with KHDC3L cDNA clone (Cat# [RC215631]) using MegaTran 2.0 (Cat# [TT210002]).