

Product datasheet for PH314909

TTYH2 (NM_032646) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	TTYH2 MS Standard C13 and N15-labeled recombinant protein (NP_116035)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC214909
Predicted MW:	58.8 kDa
Protein Sequence:	>RC214909 protein sequence Red =Cloning site Green =Tags(s)

MQAARVDYIAPWVWVWLHSPHVGRLRLQPVNSTFSPGDESYQESLLFLGLVAAVCLGLNLIFLVAYLVCA
 CHCRRDDAVQTKQHSCCITWTAVVAGLICCAAVGVGFYGNSETNDGAYQLMYSLDDANHTFSGIDALVS
 GTTQKMKVDLEQHLARLSEIFAARGDYLTQTKFIQQMAGSVVVQLSGLPVWREVTMELTKLSDQTYVEY
 YRWLSYLLLFILDVLCIACGLAKRSKCLLASMLCCGALSLLSWASLAADGSAAVATSDFCVAPDTF
 ILNVTEGQISTEVTRYLYCSQSGSPFQQTLTTFQRALTMMQIQVAGLLQFAVPLFSTAEEDLLAIQLL
 LNSSESSLHQLTAMVDCRGLHKDYLDALAGICYDGLQGLLYLGLFSFLAALAFSTMICAGPRAWKHFTTR
 NREYDDIDDDPFNPQAWRMAAHSPRGQLHSFCSYSSGLGSQTSLOPPAQTISNAPVSEYMNQAMLFGR
 NPRYENVPLIGRASPPPTYSPSMRATYLSVADEHLRHYGNQFPA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

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 C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-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_116035</u>
RefSeq Size:	3468
RefSeq ORF:	1602



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Synonyms: C17orf29

Locus ID: 94015

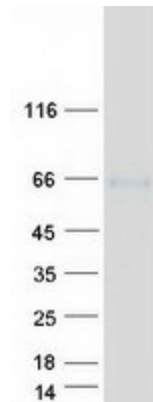
UniProt ID: [Q9BSA4](#), [Q8N3U8](#)

Cytogenetics: 17q25.1

Summary: This gene encodes a member of the tweety family of proteins. Members of this family function as chloride anion channels. The encoded protein functions as a calcium(2+)-activated large conductance chloride(-) channel, and may play a role in kidney tumorigenesis. Two transcript variants encoding distinct isoforms have been identified for this gene. [provided by RefSeq, Jul 2008]

Protein Families: Transmembrane

Product images:



Coomassie blue staining of purified TTYH2 protein (Cat# [TP314909]). The protein was produced from HEK293T cells transfected with TTYH2 cDNA clone (Cat# [RC214909]) using MegaTran 2.0 (Cat# [TT210002]).