

Product datasheet for TP314909

TTYH2 (NM_032646) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human tweety homolog 2 (Drosophila) (TTYH2), transcript variant 1, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA	>RC214909 protein sequence
Clone or AA Sequence:	Red=Cloning site Green=Tags(s)

MQAARVDYIAPWWWWLHSPHVGRLQPVNSTFSPGDESQESLLFLGLVAAVCLGLNLIFLVAYLVCA
CHCRRDDAVQTKQHHSCCITWTAVVAGLICCAAVGVGFYGNSETNDGAYQLMYSLDDANHTFSGIDALVS
GTTQKMKVDLEQHLARLSEIFAARGDYLQTLKFIQQMAGSVVQLSGLPVWREVTMELTKLSQDTGYVEY
YRWLSYLLLFILDVICLIACGLAKRSKCLLASMLCCGALSLLLSWASLAADGSAAVATSDFCVAPDTF
ILNVTEGQISTEVTRYLYCSQSGSPFQQTLTTFQRALTTMQIQVAGLLQFAVPLFSTAEEDLLAIQLL
LNSSESLHQLTAMVDCRGLHKDYLDALAGICYDGLQGLLYLGLFSFLAALAFSTMICAGPRAWKHFTTR
NREYDDIDDDPFNPQAWRMAAHSPPRGQLHSFCSYSSGLGSQTSLQPPAQITISNAPVSEYMNQAMLFGR
NPRYENVPLIGRASPPPTYSPSMRATYLSVADEHLRHYGNQFPA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

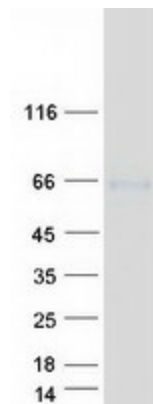
Tag:	C-Myc/DDK
Predicted MW:	58.6 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity 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:	<u>NP_116035</u>
Locus ID:	94015
UniProt ID:	<u>Q9BSA4</u>
RefSeq Size:	3468
Cytogenetics:	17q25.1
RefSeq ORF:	1602
Synonyms:	C17orf29
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]).