

Recombinant Human TTYH2 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. TTYH2-1143H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	TTYH2 MS Standard C13 and N15-labeled recombinant protein (NP_116035) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	58.8 kDa
AA Sequence	MQAARVDYIAPWWWVWLHSPHVGLRLQPVNSTFSPGDESYQESLLFLGLVAAVCL GLNLIFLVAYLVCACHCRRDDAVQTKQHHSCCITWTAVVAGLICCAAVGVGFYGNSE TNDGAYQLMYSLDDANHTFSGIDALVSGTTQKMKVDLEQHLARLSEIFAARGDYLQT LKFIQQMAGSVVVQLSGLPVWREVTMELTKLSDQTGYVEYYRWLSYLLLFIKLVICL IACLGLAKRSKCLLASMLCCGALSLLLSWASLAADGSAAVATSDFCVAPDTFILNVTE GQISTEVTRYLYCSQSGSSPFQQTLTTFQRALTTMQIQVAGLLQFAVPLFSTAEED LLAIQLLLNSSESSLHQLTAMVDCRGLHKDYLDALAGICYDGLQGGLLYLGLFSFLAAL AFSTMICAGPRAWKHFTTRNREYDDIDDDDPFNPQAWRMAAHSPPRGQLHSFCSY

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	SSGLGSQTSLQPPAQTISNAPVSEYMNQAMLFGRNPRYENVPLIGRASPPPTYS MRATYLSVADEHLRHYGNQFPATRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	TTYH2 tweety family member 2 [Homo sapiens (human)]
Official Symbol	TTYH2
Synonyms	TTYH2; tweety family member 2; C17orf29; protein tweety homolog 2; hTTY2; tweety homolog 2
Gene ID	94015
mRNA Refseq	NM_032646
Protein Refseq	NP_116035
MIM	608855

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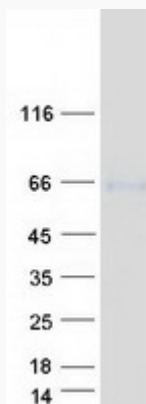
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UniProt ID

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SDS-PAGE

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