

Product datasheet for TP327811

DACH2 (NM_001139515) Human Recombinant Protein

Product data:

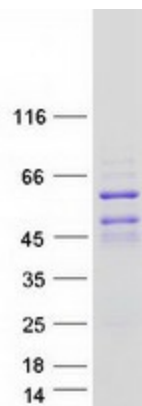
Product Type:	Recombinant Proteins
Description:	Recombinant protein of human dachshund homolog 2 (Drosophila) (DACH2), transcript variant 3, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC227811 representing NM_001139515 Red =Cloning site Green =Tags(s)
	<p>MTRKQAVNSSRPGRPPKRSLGVLQENARLLTHAVPGLLSPGLITPTGITAAAMAEAMKLQKMKLMAMNT L QGNQSQNGTESEPDDLNSNTGGSESSWDKDKMQSPFAAPGPQHGAHAALAGQPGIGGAPT LNPLQQ NHL LTNRDLPLFMMMPHLLPVSLPPASVAMAMNQMNHLNTIANMAAAQIHSPLSRAGTSVIKERIPESPS P APSLEENHRPGSQTSSTSSSVSSSPSQMDHHLERMEEVPVQIPIMKSPLDKIQLTPGQALPAGFPGPFI FADSLSSVETLLTNIQGLLKVALDNARIQEKQIQEKKELRLELYREREIRENLERQLAVELQSRTTMQK RLKKEKTKRKLQEALFEKSRREQVEQALKQATTSDSGLRMLKDTGIPDIEIENNGTPHDSAAMQGGNY YCLEMAQQLYSA</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-Myc/DDK
Predicted MW:	47 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_001132987</u>
Locus ID:	117154
UniProt ID:	<u>Q96NX9</u>
Cytogenetics:	Xq21.2
RefSeq ORF:	1296
Summary:	This gene is one of two genes which encode a protein similar to the Drosophila protein dachshund, a transcription factor involved in cell fate determination in the eye, limb and genital disc of the fly. The encoded protein contains two characteristic dachshund domains: an N-terminal domain responsible for DNA binding and a C-terminal domain responsible for protein-protein interactions. This gene is located on the X chromosome and is subject to inactivation by DNA methylation. The encoded protein may be involved in regulation of organogenesis and myogenesis, and may play a role in premature ovarian failure. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Nov 2008]
Protein Families:	Transcription Factors

Product images:



Coomassie blue staining of purified DACH2 protein (Cat# TP327811). The protein was produced from HEK293T cells transfected with DACH2 cDNA clone (Cat# [RC227811]) using MegaTran 2.0 (Cat# [TT210002]).