

## Product datasheet for **TP314498M**

### GRHL2 (NM\_024915) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human grainyhead-like 2 (Drosophila) (GRHL2), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC214498 representing NM_024915 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MSQESDNNKRLVALVPMPSPDPFNTRRAYTSEDEAWKSYLENPLTAATKAMMSINGDEDSAAALGLLYDY  
YKVPRDKRLLSVSKASDSQEDQEKRNCLGTSEAQSNLSGGENRVQLKTPVNLNLDHLENSKREQYS  
ISFPESAIIPVSGITVKAEDFTPVFMAPPVHYPRGDGEEQRVWIFEQTQYDVPSLATHSAYLKDDQRS  
TPDSTYSEFKDAATEKFRSASVGAEEYMYDQTSSGTFQYTLKSLRQKQEGPMTYLNKGGQFYAITL  
SETGDNKCFRHPISKVRSVVMVVFSEDKNRDEQLKYWKYWHSRQHTAKQRLDIADYKESFNTIGNIEEI  
AYNAVSFTWDVNNEAKIFITVNCLSTDFSSQKGVKGLPLMIQIDTYSYNNRSNKPIHRAYCQIKVFCDKG  
AERKIRDEERKQNRKKGKQASQTQCNSSSDGKLAAPLQKKS DITYFKTMPDLHSQPVLFPDVHFANL  
QRTGQVYYNTDDEREGSVLVKRMFRPMEEFGPVP SKQMKEEGTKRVLVYRKETDDVFDALMLKSPV  
KGLMEAISEKYGLPVEKIAKLYKSKKGLVNMDDNIIEHYSNEDTFILNMESMVEGFKVTLMEI

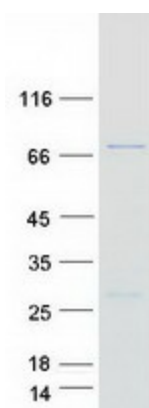
**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

Tag:	C-Myc/DDK
Predicted MW:	70.9 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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<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_079191</a>
<b>Locus ID:</b>	79977
<b>UniProt ID:</b>	<a href="#">Q6ISB3</a>
<b>RefSeq Size:</b>	4793
<b>Cytogenetics:</b>	8q22.3
<b>RefSeq ORF:</b>	1875
<b>Synonyms:</b>	BOM; DFNA28; ECTDS; PPCD4; TFCP2L3
<b>Summary:</b>	The protein encoded by this gene is a transcription factor that can act as a homodimer or as a heterodimer with either GRHL1 or GRHL3. Defects in this gene are a cause of non-syndromic sensorineural deafness autosomal dominant type 28 (DFNA28).[provided by RefSeq, Mar 2009]
<b>Protein Families:</b>	Transcription Factors

**Product images:**

Coomassie blue staining of purified GRHL2 protein (Cat# [TP314498]). The protein was produced from HEK293T cells transfected with GRHL2 cDNA clone (Cat# [RC214498]) using MegaTran 2.0 (Cat# [TT210002]).