

## Product datasheet for **TP309683L**

### Grainyhead like protein 1 homolog (GRHL1) (NM\_014552) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human grainyhead-like 1 (Drosophila) (GRHL1), transcript variant 1, 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC209683 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MTQEYDNKRPLVVLQNEALYPQRRSYTSEDEAWKSFLENPLTAATKAMMSINGDEDSAAALGLLYDYKVV  
PRRRSSTAKPEVEHPEPDHNSKRNSIPIVTEQPLISAGENRVQVLKNVPFNIVLPHGNQLGIDKRGHLTA  
PDTTVTVSIATMPHTSIKTETQPHGFAVGIPPAVYHPEPTERVVVFDRNLNTDQFSSGAQAPNAQRRTPD  
STFSETFKEGVQEVFFPSDLRLRMPGMNSEDYVFDVSVSGNNFEYTLKASKSLRQKPGDSTMTYLNKGQFY  
PITLKEVSSSEGIHHPISKVRSVIMVVFAEDKSREDQLRHWKYWHSRQHTAKQRCIDIADYKESFNTISN  
VEEIAYNISFTWDINDEAKVFISVNCLSTDFSSQKGVKGLPLNIQIDTYSYNNRNSNKPVHRAYCQIKVF  
CDKGAERKIRDEERKQSKRKVSDVKVPLLPSHKRMDITVFKPFIDLDTQPVLFIPDVHFANLQRGTHVLP  
IASEELEGGSVLKRGPYGTEDDFAVPPSTKLARIEEPKRVLLYVRKESEEVFDALMLKTPSLKGLMEAI  
SDKYDVPDHDKIGKIFKKCKGILVNMDDNIVKHYSNEDTFQLQIEEAGGSYKLTLEI

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

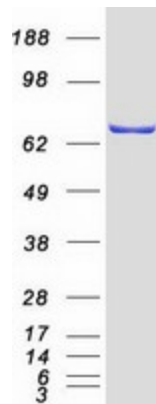
Tag:	C-Myc/DDK
Predicted MW:	69.9 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity 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_055367</a>
<b>Locus ID:</b>	29841
<b>UniProt ID:</b>	<a href="#">Q9NZI5</a>
<b>RefSeq Size:</b>	3610
<b>Cytogenetics:</b>	2p25.1
<b>RefSeq ORF:</b>	1854
<b>Synonyms:</b>	grainyhead-like 1 (Drosophila); LBP-32; LBP32; LBP protein 32; leader-binding protein 32; mammalian grainyhead; MGR; TFCP2L2; transcription factor CP2-like 2
<b>Summary:</b>	This gene encodes a member of the grainyhead family of transcription factors. The encoded protein can exist as a homodimer or can form heterodimers with sister-of-mammalian grainyhead or brother-of-mammalian grainyhead. This protein functions as a transcription factor during development. [provided by RefSeq, Jun 2009]
<b>Protein Families:</b>	Transcription Factors, Transmembrane

**Product images:**



Coomassie blue staining of purified GRHL1 protein (Cat# [TP309683]). The protein was produced from HEK293T cells transfected with GRHL1 cDNA clone (Cat# [RC209683]) using MegaTran 2.0 (Cat# [TT210002]).