

Recombinant Human GRHL3 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. GRHL3-5221H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	GRHL3 MS Standard C13 and N15-labeled recombinant protein (NP_937817) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a member of the grainyhead family of transcription factors. The encoded protein may function as a transcription factor during development, and has been shown to stimulate migration of endothelial cells. Multiple transcript variants encoding distinct isoforms have been identified for this gene.
Molecular Mass	62.2 kDa
AA Sequence	MRVNGDDDSVAALSFLYDYMGPKKEKRILSSSTGGRNDQGKRYHGMETDLTP LESPHLMKFLTENVSGTPEYPDLLKNNLMSLEGALPTPGKAAPLPAGPSKLEAGS VDSYLLPTTDMYDNGSLNSLFESIHGVPPTQRWQPDSTFKDDPQESMLFPDILKTSP EPPCPEDYPSLKSDFEYTLGSPKAIHIKSGESPMAYLNKGQFYPTLRTTPAGGKGLA LSSNKVKSVMVVFNEKVPVEQLRFWKHWHSRQPTAKQRVIDVADCKENFNTVE HIEEVAYNALSFVWNVNEEAKVFIGVNCLSTDFSSQKGVKGVPLNLQIDTYDCGLGT ERLVHRAVCQIKIFCDKGAERKMRDDERKQFRRKVKCPDSSNSGVKGCLLSGFRG NETTYLRPETDLETPPVLFIPNVHFSSLQRSGGAAPSAGPSSSNRLPLKRTCSPFTE EFEPLPSKQAKEGDLQRVLLYVRRETEEVFDALMLKTPDLKGLRNAISEKYGFPEENI

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	YKVYKKCKRGILVNMDNNIIQHYSNHVAFLLDMGELDGKIQIILKELTRTRPLEQKLISE EDLAANDILDYKDDDDKV
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	GRHL3 grainyhead like transcription factor 3 [Homo sapiens (human)]
Official Symbol	GRHL3
Synonyms	GRHL3; grainyhead-like 3 (Drosophila); TFCP2L4, transcription factor CP2 like 4; grainyhead-like protein 3 homolog; SOM; transcription factor hSOM1; sister of mammalian grainyhead; sister-of-mammalian grainyhead; transcription factor CP2-like 4; TFCP2L4; MGC46624;
Gene ID	57822
mRNA Refseq	NM_198174
Protein Refseq	NP_937817

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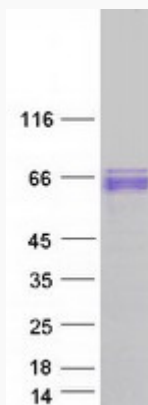
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MIM 608317

UniProt ID Q8TE85

SDS-PAGE



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