

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	MRVNGDDDSVAALSFLYDYMGPKKEKRILSSSTGGRNDQGKRYYHGMEYETDLTP LESPHLMKFLTENVSGTPEYPDLLKKNLMSLEGALPTPGKAAPLPAGPSKLEAGS VDSYLLPTTDMYDNGSLNSLFESIHGVPPTQRWQPDSTFKDDPQESMLFPDILKTSP EPPCPEDYPSLKSDFEYTLGSPKAIHIKSGESPMAYLNKGQFYPTLRTTPAGGKGLA LSSNKVKSVMVVFNEKVPVEQLRFWKHWHSRQPTAKQRVIDVADCKENFNTVE HIEEVAYNALSFVWNVNEEAKVFIGVNCLSTDFSSQKGVKGVPLNLQIDTYDCGLGT ERLVHRAVCQIKIFCDKGAERKMRDDERKQFRRKVKCPDSSNSGVKGCLLSGFRG NETTYLRPETDLETPPVLFIPNVHFSSLQRSGGAAPSAGPSSSNRLPLKRTCSPFTE EFEPLPSKQAKEGDLQRVLLYVRRETEEVFDALMLKTPDLKGLRNAISEKYGFPEENI

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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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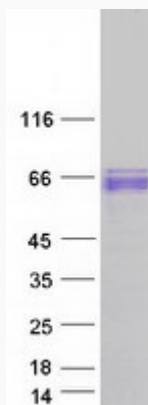
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MIM 608317

UniProt ID Q8TE85

SDS-PAGE



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