Recombinant Human GRHL3 Protein, GST-tagged

Cat. No. GRHL3-5327H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human GRHL3 full-length ORF (BAG37608.1, 1 a.a. - 555 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	This gene encodes a member of the grainyhead family of transcription factors. The encoded protein interacts with leader-binding protein 32 (LBP-32) and brother of mammalian grainyhead (BOM), and may function as a transcription factor during development. Multiple transcript variants encoding distinct isoforms have been identified for this gene. Additional transcript variants have been described, but their biological nature has not been determined. [provided by RefSeq
Molecular Mass	87.45 kDa
AA Sequence	MRVNGDDDSVAALSFLYDYYMGPKEKRILSSSTGGRNDQGKRYYHGMEYETDLTP LESPTHLMKFLTENVSGTPEYPDLLKKNNLMSLEGALPTPGKAAPLPAGPSKLEAGS VDSYLLPTTDMYDNGSLNSLFESIHGVPPTQRWQPDSTFKDDPQESMLFPDILKTSP EPPCPEDYPSLKSDFEYTLGSPKAIHIKSGESPMAYLNKGQFYPVTLRTPAGGKGLA LSSNKVKSVVMVVFDNEKVPVEQLRFWKHWHSRQPTAKQRVIDVADCKENFNTVE HIEEVAYNALSFVWNVNEEAKVFIGVNCLSTDFSSQKGVKGVPLNLQIDTYDCGLGT ERLVHRAVCQVKIFCDKGAERKMRDDERKQFRRKVKCPDSSNSGVKGCLLSGFRG NETTYLRPETDLETPPVLFIPNVHFSSLQRSGGAAPSAGPSSSNRLPLKRTCSPFTE

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

	EFEPLPSKQAKEGDLQRVLLYVRRETEEVFDALMLKTPDLKGLRNAISEKYGFPEENI YKVYKKCKRGILVNMDNNIIQHYSNHVAFLLDMGELDGKIQIILKEL
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	GRHL3 grainyhead-like 3 (Drosophila) [Homo sapiens]
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_001195010
Protein Refseq	NP_001181939

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MIM	608317
UniProt ID	Q8TE85

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