

Recombinant Mouse Grhl1 Protein, Myc/DDK-tagged

Cat. No. Grhl1-3304M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length grainyhead like transcription factor 1 (Grhl1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Transcription factor involved in epithelial development. Binds directly to the consensus DNA sequence 5'-AACCGGTT-3'. Important regulator of DSG1 in the context of hair anchorage and epidermal differentiation, participates in the maintenance of the skin barrier. There is no genetic interaction with GRHL3 no genetic interaction with GRHL3, no functional cooperativity due to diverse target gene selectivity during epithelia development.
Molecular Mass	70.2 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method

 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

Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name [Grhl1 grainyhead like transcription factor 1 \[Mus musculus \(house mouse\) \]](#)

Official Symbol [Grhl1](#)

Synonyms GRHL1; grainyhead-like 1 (Drosophila); grainyhead-like protein 1 homolog; p61 MGR; p70 MGR; grainyhead like 1; mammalian grainyhead; transcription factor LBP-32; transcription factor CP2-like 2; MGR; LBP-32; Tcfcp2l2

Gene ID [195733](#)

mRNA Refseq [NM_001161406](#)

Protein Refseq [NP_001154878](#)

UniProt ID [Q921D9](#)

 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