

# Recombinant Full Length Human GRHL2 Protein, GST-tagged

Cat. No. GRHL2-5612HF Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Human GRHL2 full-length ORF ( NP_079191.1, 1 a.a. - 625 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>ProteinLength</b>	625 amino acids
<b>Description</b>	The protein encoded by this gene is a transcription factor that can act as a homodimer or as a heterodimer with either GRHL1 or GRHL3. Defects in this gene are a cause of non-syndromic sensorineural deafness autosomal dominant type 28 (DFNA28)
<b>Molecular Mass</b>	97.5 kDa
<b>AA Sequence</b>	MSQESDNNKRLVALVPMPDPPFNTRRAYTSEDEAWKSYLENPLTAATKAMMSING DEDSAAALGLLYDYKVPDRKRLLSVSKASDSQEDQEKRNCLGTSEAQSNLSGGEN RVQVLKTVPVNLSLNQDHLENSKREQYSISFPESSAIIPVSGITVVKAEFTFPVFMAP PVHYPRGDGEEQRVWIFEQTQYDVPSLATHSAYLKDDQRSTPDSTYSESFKDAATE KFRSASVGAEEYMYDQTSSGTFQYTLKSLRQKQEGPMTYLNKGQFYAITLSE TGDNKCFRHPISKVRSVVMVVFSEDKNRDEQLKYWKYWHSRQHTAKQRVLDIADY KESFNTIGNIEEIAYNVAVSFTWDVNEEAKIFITVNCLSTDFSSQKGVKGLPLMIQIDTYS YNNRSNKPIHRAYCQIKVFCDKGAERKIRDEERKQNRKKGKQASQTQCNSSSDG KLAAIPLQKKSDITYFKTMPDLHSQPVLFIQVDFANLQRTGQVYYNTDDDEREGGSVL

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VKRMFRPMEEFPGVPSKQMKEEGTKRVLLYVRKETDDVFDALMLKSPTVKGLME  
AISEKYGLPVEKIAKLYKKSCKGILVNMDNIIHYSNEDTFILNMESMVEGFKVTLMEI

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

## GENE INFORMATION

<b>Gene Name</b>	GRHL2 grainyhead-like 2 (Drosophila) [ Homo sapiens ]
<b>Official Symbol</b>	GRHL2
<b>Synonyms</b>	GRHL2; grainyhead-like 2 (Drosophila); deafness, autosomal dominant 28, DFNA28, TFCP2L3, transcription factor CP2 like 3; grainyhead-like protein 2 homolog; BOM; FLJ13782; brother of mammalian grainyhead; transcription factor CP2-like 3; DFNA28; TFCP2L3; FLJ11172; MGC149294; MGC149295;
<b>Gene ID</b>	79977
<b>mRNA Refseq</b>	NM_024915
<b>Protein Refseq</b>	NP_079191

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<b>MIM</b>	608576
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<b>UniProt ID</b>	Q6ISB3
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