

## Product datasheet for PH314498

### GRHL2 (NM\_024915) Human Mass Spec Standard

#### Product data:

|                                       |   |
|---------------------------------------|---|
| Product Type:                         | Mass Spec Standards   |
| Description:                          | GRHL2 MS Standard C13 and N15-labeled recombinant protein (NP_079191) |
| Species:                              | Human   |
| Expression Host:                      | HEK293  |
| Expression cDNA Clone or AA Sequence: | RC214498  |
| Predicted MW:                         | 70.9 kDa  |
| Protein Sequence:                     | >RC214498 representing NM_024915<br>Red=Cloning site Green=Tags(s)    |

MSQESDNNKRLVALVPMPSDPPFNTRRAYTSEDEAWKSYLENPLTAATKAMMSINGDEDSAAALGLLYDY  
YKVPDRKRLLSVSKASDSQEDQEKRNCLGTSEAQSNLSGGENRVQVLKTVPVNLSLNQDHLNENSKREQYS  
ISFPESAIIPVSGITVYKAEDFTPVFMAPPVHYPRGDGEEQRRVIFEQTQYDVPSLATHSAYLKDDQRS  
TPDSTYSESFKDAATEKFRSASVGAEEYMDQTSSTGTFQYTLKSLRQKQEGPMTYLNKGQFYAITL  
SETGDNKCFRHPISKVRSVVMVVFSEDKNRDEQLKYWKYWSRQHTAKQVRVLDIADYKESFNTIGNIEEI  
AYNAVSFTWVDNEEAKIFITVNCLSTDFSSQKGVKGLPLMIQIDTYSYNNRSNKP IHRAYCQIKVFCDKG  
AERKIRDEERKQNRKKGKQASQTQCNSSDGKLAAIPLQKKSIDIYFKTMPDLHSQPVLFPDVFANL  
QRTGQVYYNTDDEREGSVLVKRMFRPMEEEFGPVPSKQMKKEEGTKRVLLYVRKETDDVFDALMLKSPV  
KGLMEAISEKYGLPVEKIAKLYKSKKGI LVMDDNIIIEHYSNEDTFILNMESMVEGFKVTLMEI

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

|                  |  |
|------------------|--|
| Tag:             | C-Myc/DDK  |
| Purity:          | > 80% as determined by SDS-PAGE and Coomassie blue staining  |
| Concentration:   | >0.05 µg/µL as determined by microplate BCA method   |
| Labeling Method: | Labeled with [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-L-Lysine |
| Buffer:          | 25 mM Tris-HCl, 100 mM glycine, pH 7.3   |
| Storage:         | Store at -80°C. Avoid repeated freeze-thaw cycles.   |
| Stability:       | Stable for 3 months from receipt of products under proper storage and handling conditions.   |
| RefSeq:          | <a href="#">NP_079191</a>  |
| RefSeq Size:     | 4793   |
| RefSeq ORF:      | 1875   |



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**Synonyms:** BOM; DFNA28; ECTDS; PPCD4; TFCP2L3

**Locus ID:** 79977

**UniProt ID:** [Q6ISB3](#)

**Cytogenetics:** 8q22.3

**Summary:** 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).[provided by RefSeq, Mar 2009]

**Protein Families:** Transcription Factors

### Product images:



Coomassie blue staining of purified GRHL2 protein (Cat# [TP314498]). The protein was produced from HEK293T cells transfected with GRHL2 cDNA clone (Cat# [RC214498]) using MegaTran 2.0 (Cat# [TT210002]).