

## Product datasheet for **LY415107**

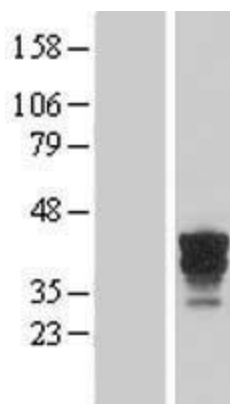
### **FAM131B (NM\_014690) Human Over-expression Lysate**

#### Product data:

|                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Type:</b>                         | Over-expression Lysates                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Description:</b>                          | Transient overexpression lysate of family with sequence similarity 131, member B (FAM131B), transcript variant b                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Species:</b>                              | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Expression Host:</b>                      | HEK293T                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Expression cDNA Clone or AA Sequence:</b> | TrueORF Clone RC222801                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Tag:</b>                                  | C-Myc/DDK                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Detection Antibodies:</b>                 | Clone OT14C5, Anti-DDK (FLAG) monoclonal antibody (TA50011-100)                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>ACCN:</b>                                 | <u>NM_014690</u> , <u>NP_055505</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Predicted MW:</b>                         | 35.7 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Components:</b>                           | 1 vial of 100 µg gene specific transient over-expression cell lysate in RIPA buffer<br>1 vial of 100 µg whole HEK293T cell lysate in RIPA buffer<br>1 vial of 250ul 2xSDS Sample Buffer (4% SDS, 125mM Tris-HCl pH6.8, 10% Glycerol, 0.002% Bromophenol blue, 100mM DTT)                                                                                                                                                                                                                                        |
| <b>Storage:</b>                              | The lysate is shipped with dry ice. Upon receiving, store the sample at -80°C. Also after dilution, the protein sample should be aliquoted and stored at -80°C for long term storage. Avoid repeated freeze-thaw cycles. Lysate samples can be diluted with 2xSDS Sample Buffer provided. Lysate samples are stable for 12 months from the date of receipt when stored at -80°C.                                                                                                                                |
| <b>Preparation:</b>                          | HEK293T cells in 10-cm dishes were transiently transfected with <u>MegaTran</u> Transfection Reagent (TT200002) and 5ug <u>TrueORF</u> cDNA plasmid. Transfected cells were cultured for 48hrs before collection. The cells were lysed in modified RIPA buffer (25mM Tris-HCl pH7.6, 150mM NaCl, 1% NP-40, 1mM EDTA, 1xProteinase inhibitor cocktail mix (Sigma), 1mM PMSF and 1mM Na3VO4), and then centrifuged to clarify the lysate. Protein concentration was measured by BCA kit (Thermo Scientific Inc.). |



**RefSeq:** NP\_055505  
**Locus ID:** 9715  
**Cytogenetics:** 7q34  
**Protein Families:** WB

**Product images:**


Western blot validation of overexpression lysate (Cat# LY415107) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from un-transfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with [RC222801] using transfection reagent MegaTran 2.0 (Cat# [TT210002]).