

#### OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

# Product datasheet for TP761741

#### FAM115C (TCAF2) (NM\_173678) Human Recombinant Protein

### **Product data:**

| Product Type:                            | Recombinant Proteins                                                                                                                                                                                                                                               |
|------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Description:                             | Purified recombinant protein of Human family with sequence similarity 115, member C<br>(FAM115C), transcript variant 2, full length, with N-terminal His tag, expressed in E. coli, 50ug                                                                           |
| Species:                                 | Human                                                                                                                                                                                                                                                              |
| Expression Host:                         | E. coli                                                                                                                                                                                                                                                            |
| Expression cDNA Clone<br>or AA Sequence: | A DNA sequence encoding human full-length FAM115C                                                                                                                                                                                                                  |
| Tag:                                     | N-His                                                                                                                                                                                                                                                              |
| Predicted MW:                            | 91.8 kDa                                                                                                                                                                                                                                                           |
| Concentration:                           | >0.05 µg/µL as determined by microplate BCA method                                                                                                                                                                                                                 |
| Purity:                                  | > 80% as determined by SDS-PAGE and Coomassie blue staining                                                                                                                                                                                                        |
| Buffer:                                  | 50 mM Tris-HCl, pH 8.0, 8 M urea                                                                                                                                                                                                                                   |
| Note:                                    | For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.                                                                                                               |
| Storage:                                 | Store at -80°C.                                                                                                                                                                                                                                                    |
| Stability:                               | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.                                                                                                                      |
| RefSeq:                                  | <u>NP 775949</u>                                                                                                                                                                                                                                                   |
| Locus ID:                                | 285966                                                                                                                                                                                                                                                             |
| UniProt ID:                              | A6NFQ2                                                                                                                                                                                                                                                             |
| RefSeq Size:                             | 2983                                                                                                                                                                                                                                                               |
| Cytogenetics:                            | 7q35                                                                                                                                                                                                                                                               |
| RefSeq ORF:                              | 2535                                                                                                                                                                                                                                                               |
| Synonyms:                                | FAM115C; FAM139A; GATD9                                                                                                                                                                                                                                            |
| Summary:                                 | lsoform 2: Negatively regulates the plasma membrane cation channel TRPM8 activity.<br>Involved in the recruitment of TRPM8 to the cell surface. Promotes prostate cancer cell<br>migration stimulation in a TRPM8-dependent manner.[UniProtKB/Swiss-Prot Function] |



This product is to be used for laboratory only. Not for diagnostic or therapeutic use. ©2023 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US

## **Product images:**

| 116 — |   |
|-------|---|
| 66 —  | _ |
| 45 —  |   |
| 35 —  |   |
| 25 —  | _ |
| 18    |   |
| 14    |   |

This product is to be used for laboratory only. Not for diagnostic or therapeutic use. ©2023 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US