

## Recombinant Mouse Kdf1 Protein, Myc/DDK-tagged

**Cat. No.** Kdf1-3679M    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                   |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Purified recombinant protein of mouse full-length keratinocyte differentiation factor 1 (Kdf1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.                                                          |
| <b>Species</b>          | Mouse                                                                                                                                                                                                             |
| <b>Source</b>           | HEK293                                                                                                                                                                                                            |
| <b>Description</b>      | Plays a role in the regulation of the epidermis formation during early development. Required both as an inhibitor of basal cell proliferation and a promoter of differentiation of basal progenitor cell progeny. |
| <b>Molecular Mass</b>   | 21.7 kDa                                                                                                                                                                                                          |
| <b>Purity</b>           | > 80% as determined by SDS-PAGE and Coomassie blue staining                                                                                                                                                       |
| <b>Stability</b>        | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.                                                                     |
| <b>Storage</b>          | Store at -80 centigrade after receiving vials.                                                                                                                                                                    |
| <b>Concentration</b>    | >50 µg/mL as determined by microplate BCA method                                                                                                                                                                  |
| <b>Storage Buffer</b>   | 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.                                                                                                                                                             |

### GENE INFORMATION

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|                        |                                                                                                   |
|------------------------|---------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | Kdf1 keratinocyte differentiation factor 1 [ Mus musculus (house mouse) ]                         |
| <b>Official Symbol</b> | Kdf1                                                                                              |
| <b>Synonyms</b>        | Kdf1; keratinocyte differentiation factor 1; 1810019J16Rik; keratinocyte differentiation factor 1 |
| <b>Gene ID</b>         | 69073                                                                                             |
| <b>mRNA Refseq</b>     | NM_133707                                                                                         |
| <b>Protein Refseq</b>  | NP_598468                                                                                         |
| <b>UniProt ID</b>      | A2A9F4                                                                                            |

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