

# Recombinant Human PPP6R1 Protein, MYC/DDK-tagged

**Cat. No.** PPP6R1-2808H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                              |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human PPP6R1 protein, fused to MYC/DDK-tagged at C-terminus, was expressed in HEK293.                                                                                                                                                                                                                                                                                                            |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Description</b>      | Protein phosphatase regulatory subunits, such as SAPS1, modulate the activity of protein phosphatase catalytic subunits by restricting substrate specificity, recruiting substrates, and determining the intracellular localization of the holoenzyme. SAPS1 is a regulatory subunit for the protein phosphatase-6 catalytic subunit (PPP6C; MIM 612725) (Stefansson and Brautigan, 2006 [PubMed 16769727]). |
| <b>Form</b>             | 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.                                                                                                                                                                                                                                                                                                                                                        |
| <b>Molecular Mass</b>   | 96.5 kDa                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Purity</b>           | > 80% as determined by SDS-PAGE and Coomassie blue staining                                                                                                                                                                                                                                                                                                                                                  |
| <b>Concentration</b>    | >50 ug/mL as determined by microplate BCA method                                                                                                                                                                                                                                                                                                                                                             |

## GENE INFORMATION

|                  |                                                                     |
|------------------|---------------------------------------------------------------------|
| <b>Gene Name</b> | PPP6R1 protein phosphatase 6, regulatory subunit 1 [ Homo sapiens ] |
|------------------|---------------------------------------------------------------------|

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

|                 |                                |
|-----------------|--------------------------------|
| Official Symbol | PPP6R1                         |
| Synonyms        | KIAA1115; PP6R1; SAP190; SAPS1 |
| Gene ID         | 22870                          |
| mRNA Refseq     | NM_014931                      |
| Protein Refseq  | NP_055746                      |
| MIM             | 610875                         |
| UniProt ID      | Q9UPN7                         |

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