

## Recombinant Human DUSP4 Protein, GST-tagged

Cat. No. DUSP4-2646H    Lot. No. (See product label)

### SPECIFICATION

|                  |                                                                                                                                                                                                                                                                              |
|------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Overview | Recombinant Human DUSP4 Protein(80-181 aa), fused with N-terminal GST tag, was expressed in E. coli.                                                                                                                                                                         |
| Species          | Human                                                                                                                                                                                                                                                                        |
| Source           | E.coli                                                                                                                                                                                                                                                                       |
| ProteinLength    | 80-181 aa                                                                                                                                                                                                                                                                    |
| Form             | The purified protein was Lyophilized from sterile PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 100mM GSH. |
| Storage          | Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.                               |
| AA Sequence      | SVSLEQILPAEEEEVRARLRSGLYSAVIVYDERSPRAESLREDSTVSLVVQALRRNAE<br>RTDICLLKGGYERFSSEYPEFCSTKALAAIPPPVPPSATEPLDL                                                                                                                                                                   |
| Purity           | 85%, by SDS-PAGE with Coomassie Brilliant Blue staining.                                                                                                                                                                                                                     |

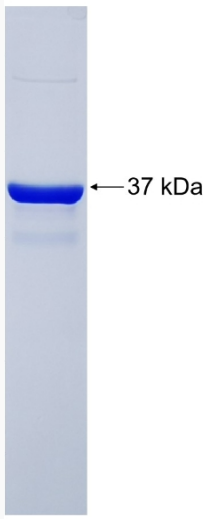
### GENE INFORMATION

|                 |       |
|-----------------|-------|
| Official Symbol | DUSP4 |
|-----------------|-------|

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|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Synonyms</b>       | DUSP4; dual specificity phosphatase 4; dual specificity protein phosphatase 4; HVH2; MAP kinase phosphatase 2; MKP 2; TYP; VH1 homologous phosphatase 2; dual specificity protein phosphatase hVH2; serine/threonine specific protein phosphatase; mitogen-activated protein kinase phosphatase 2; MKP2; MKP-2; |
| <b>Gene ID</b>        | 1846                                                                                                                                                                                                                                                                                                            |
| <b>mRNA Refseq</b>    | NM_001394                                                                                                                                                                                                                                                                                                       |
| <b>Protein Refseq</b> | NP_001385                                                                                                                                                                                                                                                                                                       |
| <b>MIM</b>            | 602747                                                                                                                                                                                                                                                                                                          |
| <b>UniProt ID</b>     | Q13115                                                                                                                                                                                                                                                                                                          |
| <b>SDS-PAGE</b>       |                                                                                                                                                                                                                             |