

## Recombinant Human PVALB protein, His-SUMO-tagged

Cat. No. PVALB-3394H Lot. No. (See product label)

### SPECIFICATION

|                         |   |
|-------------------------|---|
| <b>Product Overview</b> | Recombinant Human PVALB protein(P20472)(2-110aa), fused to N-terminal His-SUMO tag, was expressed in E. coli.   |
| <b>Species</b>          | Human   |
| <b>Source</b>           | E.coli  |
| <b>ProteinLength</b>    | 2-110aa   |
| <b>Form</b>             | If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol.<br>If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0. |
| <b>Molecular Mass</b>   | 27.9 kDa  |
| <b>AA Sequence</b>      | SMTDLLNAEDIKKAVGAFSATDSFDHKKFFQMVGLKKKSADDVKKVFHMLDKDKSG<br>FIEEDELGFILKGFSPDARDLSAKETKMLMAAGDKDGDGKIGVDEFSTLVAES   |
| <b>Purity</b>           | Greater than 90% as determined by SDS-PAGE.   |
| <b>Storage</b>          | Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.  |
| <b>Reconstitution</b>   | Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0  |

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mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

## GENE INFORMATION

|                        |  |
|------------------------|--|
| <b>Gene Name</b>       | PVALB parvalbumin [ Homo sapiens ]                         |
| <b>Official Symbol</b> | PVALB  |
| <b>Synonyms</b>        | PVALB; parvalbumin; parvalbumin alpha; D22S749; MGC116759; |
| <b>Gene ID</b>         | 5816   |
| <b>mRNA Refseq</b>     | NM_002854  |
| <b>Protein Refseq</b>  | NP_002845  |
| <b>MIM</b>             | 168890   |
| <b>UniProt ID</b>      | P20472   |

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