

## Recombinant Pisum Sativum HSP18.1 Protein (1-158 aa), His-SUMO-tagged

**Cat. No.** HSP18.1-1899P    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                              |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Pisum Sativum (Garden pea) HSP18.1 Protein (1-158 aa) is produced by E. coli expression system. This protein is fused with a 6xHis-SUMO tag at the N-terminal. Protein Description: Full Length. |
| <b>Species</b>          | Pisum Sativum                                                                                                                                                                                                |
| <b>Source</b>           | E.coli                                                                                                                                                                                                       |
| <b>ProteinLength</b>    | 1-158 aa                                                                                                                                                                                                     |
| <b>Form</b>             | Tris-based buffer,50% glycerol                                                                                                                                                                               |
| <b>Molecular Mass</b>   | 34.1 kDa                                                                                                                                                                                                     |
| <b>AA Sequence</b>      | MSLIPSEFFSGRRSNVDFPFLDWDPLKDFPFSNSSPSASFPRENPAFVSTRVDWK<br>ETPEAHVFKADLPGLKKKEEVKVEVEDDRVLQISGERSVEKEDKNDEWHRVERSSGK<br>FLRRFRLPENAKMDKVKASMENGLTVTVPKKEIKKAEVKSIEISG                                        |
| <b>Purity</b>           | > 90% as determined by SDS-PAGE.                                                                                                                                                                             |
| <b>Notes</b>            | Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.                                                                                                 |
| <b>Storage</b>          | The shelf life is related to many factors, storage state, buffer ingredients, storage                                                                                                                        |

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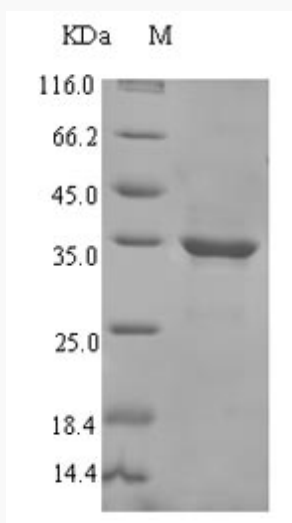
temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.

**Concentration** A hardcopy of COA with reconstitution instruction is sent along with the products.

## GENE INFORMATION

**Synonyms** HSP18.1; HSP 18.1;

**UniProt ID** [P19243](#)



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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