

## Recombinant *P. aeruginosa* piv Protein, His-SUMO-tagged

**Cat. No.** piv-1341P    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                    |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant <i>B. pertussis</i> piv Protein (212-462aa) was expressed in <i>E. coli</i> with N-terminal His-SUMO tag.                                                                                                                                                              |
| <b>Species</b>          | <i>P.aeruginosa</i>                                                                                                                                                                                                                                                                |
| <b>Source</b>           | <i>E.coli</i>                                                                                                                                                                                                                                                                      |
| <b>ProteinLength</b>    | 212-462 a.a.                                                                                                                                                                                                                                                                       |
| <b>Form</b>             | Tris-based buffer, 50% glycerol.                                                                                                                                                                                                                                                   |
| <b>Molecular Mass</b>   | 42.4 kDa                                                                                                                                                                                                                                                                           |
| <b>AA Sequence</b>      | AGYRDGFGASGSCEVDAVCATQSGTRAYDNATAAAVAKMVFTSSADGGSYICTGTLL<br>NNGNSPKRQLFWSA<br>AHCIEDQATAATLQTIWFYNTTQCYGDASTINQSVTVLTGGANILHRDAKRDTLLEL<br>KRTPPAGVFYQG<br>WSATPIANGSLGHDIHHPRGDAKKYSQGNVSAVGVTYDGHTALTRVDWPSAVVEG<br>GSSGSGLLTVAGDGS<br>YQLRGGLYGGPSYCGAPTSQRNDYFSDFGVYSQISRYFAP |
| <b>Purity</b>           | Greater than 90% as determined by SDS-PAGE.                                                                                                                                                                                                                                        |
| <b>Storage</b>          | 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.                                                                                                                      |

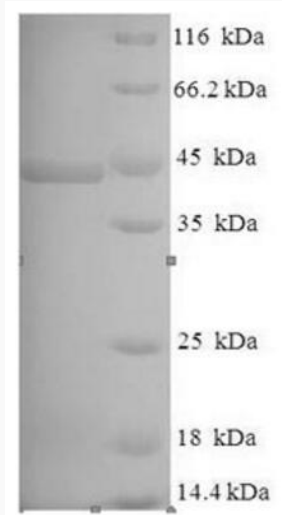
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## GENE INFORMATION

|                        |                                                                                        |
|------------------------|----------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | piv endopeptidase IV [ <i>Pseudomonas aeruginosa</i> PAO1 ]                            |
| <b>Official Symbol</b> | piv                                                                                    |
| <b>Synonyms</b>        | prpL; piv; Lysyl endopeptidase; EC 3.4.21.50; Protease IV; PvdS-regulated endoprotease |
| <b>Gene ID</b>         | 880208                                                                                 |
| <b>Protein Refseq</b>  | NP_252864.1                                                                            |
| <b>UniProt ID</b>      | Q9HWK6                                                                                 |



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