



# Recombinant Escherichia coli O6:K15:H31 p-hydroxybenzoic acid efflux pump subunit AaeA (aaeA)

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| <b>Product Code</b>      | CSB-CF605590EGY                                                                                                                                                                                                                                                                                                                                                |
| <b>Storage</b>           | Store at -20°C, for extended storage, conserve at -20°C or -80°C.                                                                                                                                                                                                                                                                                              |
| <b>Uniprot No.</b>       | Q0TCM4                                                                                                                                                                                                                                                                                                                                                         |
| <b>Product Type</b>      | Transmembrane Protein                                                                                                                                                                                                                                                                                                                                          |
| <b>Immunogen Species</b> | Escherichia coli O6:K15:H31 (strain 536 / UPEC)                                                                                                                                                                                                                                                                                                                |
| <b>Sequence</b>          | MKT LIRKFSRTAITVVLVILAFIAIFNAWVYYTESPWTRDARFSADVVAIAPDVSG<br>LITQ<br>VNVHDNQLVKKGQVLFTIDQPRYQKALEEAQADVAYYQVLAQEKRQEAGRNR<br>RLGVQAMS<br>REEIDQANNVLQTVLHQLAKAQATRD LAKLDLERTVIRAPADGWVTNLNVYTG<br>EFITRGS<br>TAVALVKQNSFYVLAYMEETKLEGVRPGYRAEITPLGSNKVLKGTVD SVAAGV<br>TNASSTR<br>DDKGMATIDSNLEWVRLAQRVPVRIRLDNQQENIWPAGTTATVVVTGKQDRD<br>ESQDSFFR KMAHRLREFG |
| <b>Source</b>            | in vitro E.coli expression system                                                                                                                                                                                                                                                                                                                              |
| <b>Target Names</b>      | aaeA                                                                                                                                                                                                                                                                                                                                                           |
| <b>Protein Names</b>     | Recommended name: p-hydroxybenzoic acid efflux pump subunit AaeA Short name= pHBA efflux pump protein A                                                                                                                                                                                                                                                        |
| <b>Expression Region</b> | 1-310                                                                                                                                                                                                                                                                                                                                                          |
| <b>Notes</b>             | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.                                                                                                                                                                                                                                                            |
| <b>Tag Info</b>          | Tag type will be determined during the manufacturing process.                                                                                                                                                                                                                                                                                                  |
| <b>Protein Length</b>    | full length protein                                                                                                                                                                                                                                                                                                                                            |
| <b>Shelf Life</b>        | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.<br>Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.                                                                             |