



# Recombinant Haemophilus influenzae Trk system potassium uptake protein trkA (trkA)

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| <b>Product Code</b>      | CSB-BP301768HTA  |
| <b>Storage</b>           | Store at -20°C, for extended storage, conserve at -20°C or -80°C.  |
| <b>Uniprot No.</b>       | P71354   |
| <b>Product Type</b>      | Recombinant Protein  |
| <b>Immunogen Species</b> | Haemophilus influenzae (strain ATCC 51907 / DSM 11121 / KW20 / Rd)   |
| <b>Purity</b>            | >85% (SDS-PAGE)  |
| <b>Sequence</b>          | MKIIILGAGQ VGTTLAENLV SEDNDITLVD NESPQLQTLQ EKHDLRVVQG<br>SPSSPKVLRD AGAADADLMV AVTASDEINM VACQMGYTLF NTPTRIARIR<br>NSEYLREKDK LFNNENIPID HLISPENLVT DEITRLIAYP GALQVAHFAN<br>NRISIVVKA YYGGALVGYA LSAFREHMPH IDCRIMSILR NGKPIRPQGS<br>TIVEAGDEIT FICATEHIKA IMGELQRLEK PYKRVMIVGG GNAVFGVAKR<br>LENSCTVKLI ERDSNRAQAL AEKLPKTLVF NGDASDQNLL FEEHIESVDV<br>FLSLSSDDEA NIMSALLAKR LGAKKAMVLI QRIAYINLIQ GGTIDIAVSP<br>QQVTISALLG HVRKGDVKNV ATRLRHGIAEA IEIVAHGNVN TSNIVGRKIG<br>ELRLPMGIII GALLRGNDVI IARRQVIIIE GDHIVIYLSLSD KKNVPEIEKL<br>FQPSAFFI |
| <b>Source</b>            | Baculovirus  |
| <b>Target Names</b>      | trkA   |
| <b>Protein Names</b>     | Recommended name: Trk system potassium uptake protein trkA Short name=K(+)-uptake protein trkA   |
| <b>Expression Region</b> | 1-458  |
| <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>Reconstitution</b>    | We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 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%. Customers could use it as reference.  |
| <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. 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.  |