# Recombinant Moraxella catarrhalis oppA Protein

**Cat. No.** oppA-94M **Lot. No.** (See product label)

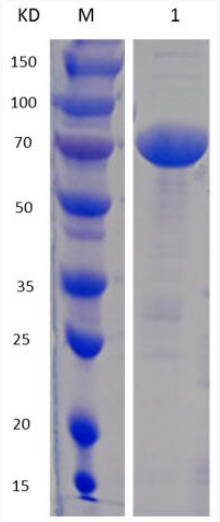
## SPECIFICATION

| | |
|---|---|
| **Product Overview** | Recombinant Moraxella catarrhalis oppA Protein was expressed in E. coli. |
| **Species** | Moraxella catarrhalis |
| **Source** | E.coli |
| **Description** | Oligopeptide ABC transport system substrate binding protein OppA |
| **Form** | Liquid. In 50 mM NaH2PO4 buffer (pH8.0) containing 300 mM NaCl. |
| **Molecular Mass** | ~ 72.7 kDa |
| **AA Sequence** | ACSNNSTTASQGGGDLTTYKYVFSGDPKSLDYILANQAVTADVTTQMVDGLLENDE YGNLVPSLATDWSVSEDGLTYTYTLRDGVFWYTSDGEEYAPVTAHDFVTGLKHAVD GKSDALYVVEDSVKNLKAYKEGKVNWEEVGVKALDDKTVQYTLNQPESYWNSKVT YSVLFPVNAKFLQSKGKDFGALDPSSILVNGAYFLSAYASKSLMEFTKNDNYWDAD NVHVQSVKLTYTDGSDPGSYYRNFDKGEFSVARLYPNDPTYQAAREKYQDNIVYGL IDGTTYYFTFNLNRSAFANSTKTTEQQESAKKAMLNKDFRQAVMFALDRAAYQAQT VGEEAKTKALRNMLVPPTFVSADGEDFGQMVKKDLVGYGAEWQDVDLSDSQDGLY NPQKAKEEFAKARQTLEAQGVTFPIYLDFPIDQADSNRVQQAQSFKQSVEASLGQE NIIINVIETETSTYESQGYYAESPEQQDYDIMMAGWGPDYQDPRTYLDIMSPIDGAML QKTGIHRGGDKALVKQVGLDTYQTLLNQASVISNDNSARYNAYAKAQALLLDSALQI PMVAIGGVPRVSKGVPFSGSFSWAGNKGGSWYKRLKLQAQPVTTEQYEKAYQAW QSEKSASNAKYADSLVNRVKKSDTAASDAAATDAATTDTTTAN |

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

| | |
|---|---|
| **Purity** | >90% |
| **Storage** | Short Term Storage at 4 centigrade, Long Term, please prepare aliquots with 20% glycerol and store at -20 to -80 centigrade. Avoid freeze/thaw cycles. |
| **Concentration** | 3.0 mg/ml |

## GENE INFORMATION

| | |
|---|---|
| **Official Symbol** | oppA |
| **UniProt ID** | D5VD10 |
| **SDS-PAGE** | <br>12% SDS-PAGE analysis profiles of purified MCR_RS05890-22-679 (CBB stained). |

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA