



# Recombinant Outer membrane usher protein fanD (fanD)

<b>Product Code</b>	CSB-EP319361ENL
<b>Storage</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.
<b>Uniprot No.</b>	P12050
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Escherichia coli
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	<p>SEKELNL QFIRHKFGQN TEDIELFFNS STVLPGNYSV DVKLNDEVIG            RAKLEVSQDD KESYCLKDEW LSDLGIINR DFYNKYFNIK RECYEIGKEK            NSITTFDNNS QIFSLYMPQA AYIKKGNTTEH KWSYGDPGFN LNYDAYLSKN            DEDSSIYGNL EGNVNIDKWV LYGRGYKYEY DKFTTDDVTL SRAIKSLEGD            LIIGDITYTNT SLMDNISFYG VQLRSNNAMT PERRGDYSPI ISGIAKSNAR            VTVKQNGVVL HSELVSPGPF HINNVRGIRS GELVMTVTEE DGSEQQTRIP            VTFIANLLSP GNINYDFGIG NKEATWEPDN IFAYGSFDYG LNLTLNASL            LFEQHYSNAG IGAVGSIGSL GAVSVSGNIS RAKNQLETDQ GYSTSANYSK            NVGANGNLQI IGYKFSSEGY TQYANFDYRA PRKDKKEKER YEVTLTQQFP            ASNVFLSVTG WKKFYWWDNS VTGANVSYTQ NFGTVNASVN            GSYSRGDGAK SDYMLGFNIN IPFRHNDRQF YNSNGVTYNR NSGIGFNAGF            SEDVTKNFNY NVNAAASKDN ESVSLSTNYT SSMFRTSASV SKNRNSTNAS            AQIGGAIIGV KDGGVMLTSM SSNSVAIVQM EGLAGYAFTN GVESDWRGRI            AYPMTTYMDN DIQISTDKLP SNIELTDNVE TIVPTNRAIK LQKIKYKNMS            RHLVKVYDKN GFVIPMGTA V KNSNGEII SF VNNNGISLLN IDKNDERVFF            GSCTISTSGL KDNLSEIQEV NCE</p>
<b>Source</b>	E.coli
<b>Target Names</b>	fanD
<b>Protein Names</b>	Recommended name: Outer membrane usher protein fanD
<b>Expression Region</b>	24-783
<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 of Mature 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.

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