



# Recombinant Escherichia coli O139:H28 Esterase FrsA (frsA)

<b>Product Code</b>	CSB-EP422964EJD
<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>	A7ZHZ8
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Escherichia coli O139:H28 (strain E24377A / ETEC)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MTQANLSETL FKPRFKHPET STLVRRFNHG AQPPVQSALD GKTIPHWYRM INRLMWIWRG IDPREILDVQ ARIVMSDAER TDDDLYDTVI GYRGGNWIYE WATQAMVWQQ KACAEEDPQL SGRHWLHAAT LYNIAAYPHL KGDDLAEQAQ ALSNRAYEEA AQRLPGTMRQ MEFTVPGGAP ITGFLHMPKG DGPFPVLMC GGLDAMQTDY YSLYERYFAP RGIAMLTIDM PSVGFSSKWK LTQDSSLLHQ HVLKALPNVP WVDHTRVAAF GFRFGANVAV RLAYLESURL KAVAACLGPVV HTLLSDFKCQ QQVPEMYLDV LASRLGMHDA SDDALRVELN RYSCLKVQGLL GRRCPMPMLS GYWKNDPFSP EEDSRLITSS SADGKLEIP FNPVYRNFDK GLQEITGWIE KRLC
<b>Source</b>	E.coli
<b>Target Names</b>	frsA
<b>Protein Names</b>	Recommended name: Esterase FrsA EC= 3.1.-.-
<b>Expression Region</b>	1-414
<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.