

# Recombinant Full Length Bovine Fatty Acid Desaturase 3(Fads3) Protein, His-Tagged

Cat. No. RFL14228BF Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant Full Length Bovine Fatty acid desaturase 3(FADS3) Protein (A4IFP3) (1-443aa), fused to N-terminal His tag, was expressed in E. coli.
<b>Species</b>	Bovine
<b>Source</b>	E.coli
<b>ProteinLength</b>	Full Length (1-443)
<b>Form</b>	Lyophilized powder
<b>AA Sequence</b>	<p>MGGVGEPDWEPEGQRGAPLPTLRWEQVRRHNLPGDKWLVIERRVYDISRWAQRHP            GGSRLI GHHGAEDATDAFHAFHQDLSFVRKFLQPLLIGELAPEEPSQDGPQNTQLIE            DFRALRQAV EDMKLFEAKPAFFGLLLGHILAMEVLAWLMIYMLGPGWVPSTLAALIL            AISQAQSWCLQH DLGHTSIFRNSRWNHLAQQFVMGQLKGFSAHWWNFRHFQHHA            KPNIFHKDPDVTVAPVFL LGESSVEYGKKKRRYLPYNHQHLYFFLIGPPLLTLVNFEV            ENLAYMLVCMQWMDLLWAAS FYARFLLSYIPFYGIPGALLLFVAVRVLESHWFWWIT            QMNHIPREIGHEKHRDWASSQLA ATCNVEPSLFDWFSGHLNFQIEHHLFPTMPRH            NYRRVAPLVKALCAKHGLSYEVKPFLLT ALVDIIRSLKKSNGNVWLEAYLHQ</p>
<b>Purity</b>	Greater than 90% as determined by SDS-PAGE.
<b>Applications</b>	SDS-PAGE

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Storage</b>	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
<b>Storage Buffer</b>	Tris/PBS-based buffer, 6% Trehalose, pH 8.0
<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>GENE INFORMATION</b>	
<b>Gene Name</b>	FADS3
<b>Synonyms</b>	FADS3; Fatty acid desaturase 3; Delta(13 fatty acid desaturase; Delta(13 desaturase
<b>UniProt ID</b>	<a href="#">A4IFP3</a>

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA