# Putative Reductase Sbal195_1633 (Sbal195_1633) (Sbal195_1633) Shewanella Baltica Recombinant Protein

## PRODUCT OVERVIEW

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| **Product Name** | Putative reductase Sbal195_1633 (Sbal195_1633), Recombinant Protein |
| **Full Product Name** | Recombinant Shewanella baltica Putative reductase Sbal195_1633 (Sbal195_1633) |
| **Product Gene Name** | Sbal195_1633 recombinant protein |
| **Sequence** | MIIKPKIRGF ICTTTHPVGC EANVQEQITL TKAKGKIANG PKRVLVVGSS SGYGLSSRIA AAFGSDAATI GVFFEKPGTE TKPGTAGWYN SAAFDKFAKA EGLYSKSINC DAFSHEAKQK VIELIKQDLG EIDMVVYSLA SPVRKLPDSG ELIRSALKPI GETYTATAVD TNKDCIIEAT VEPATEQEIA DTVTVMGGED WELWIKALSE AGVLADNCKT VAYSYIGTEL TWPIYWHGAL GKAKMDLDRA AKALNEQLSA TGGSANVAVL KSVVTQASSA IPVMPLYIAM VFKKMRQEGL HEGCMEQIYR MFSERLFRAD GAKPETDSDN RIRLDDWELR EDIQQHCRNL WPQVTTENLS ELTDYREYKA EFIKLFGFGI EGIDYDADVN PYVEFDVIEL |
| **Host** | E Coli or Yeast or Baculovirus or Mammalian Cell |
| **Form/Format** | Lyophilized or liquid (Format to be determined during the manufacturing process) |
| **Purity/Purification** | Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific) |
| **Preparation and Storage** | Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended. |
| **Molecular Weight** | 44,058 Da |
| **Sequence Positions** | 1-400, Full length protein |
| **Tag Information** | This protein contains an N-terminal tag and may also contain a C-terminal tag. Tag types are determined by various factors including tag-protein stability, please inquire for tag information. |
| **Sterility** | Sterile filter available upon request. |
| **Endotoxin** | Low endotoxin available upon request. |
| **3D Structure** | ModBase 3D Structure for A9KWI3 |
| **Species** | Shewanella baltica (strain OS195) |
| **ISO Certification** | Manufactured in an ISO 9001:2015 Certified Laboratory. |
| **Related Product Information for Sbal195_1633 recombinant protein** | MBS1152401 is a recombinant protein targeting Sbal195_1633. Also known as Recombinant Shewanella baltica Putative reductase Sbal195_1633 (Sbal195_1633). Host: E Coli or Yeast or Baculovirus or Mammalian Cell. |
| **Other Notes** | Small volumes of Sbal195_1633 recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply. |

## ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for Sbal195_1633. It may not necessarily be applicable to this product.

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| **NCBI GI #** | 493003265 |
| **NCBI GeneID** | 11771867 |
| **NCBI Accession #** | WP_006085369.1 |
| **UniProt Primary Accession #** | A9KWI3 |

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| **GenBank Nucleotide #** | WP_006085369.1 |
| **NCBI Official Full Name** | enoyl-[acyl-carrier-protein] reductase FabV |
| **NCBI Official Symbol** | SBAL678_RS31685 |
| **UniProt Protein Name** | Enoyl-[acyl-carrier-protein] reductase [NADH] |
| **UniProt Gene Name** | fabV |
| **UniProt Synonym Gene Names** | ENR |
| **NCBI Protein Information** | trans-2-enoyl-CoA reductase |
| **UniProt Comments for Sbal195_1633** | Involved in the final reduction of the elongation cycle of fatty acid synthesis (FAS II). Catalyzes the reduction of a carbon-carbon double bond in an enoyl moiety that is covalently linked to an acyl carrier protein (ACP). |
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