

Probable polyprenol reductase 2 (Osl_26070), Recombinant Protein

Cat *RP13861*

Species

Oryza sativa subsp. indica (Rice)

Full Product Name

Recombinant Oryza sativa subsp. indica Probable polyprenol reductase 2 (Osl_26070), partial

Product Gene Name

Osl_26070 recombinant protein

Purity

Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)

Format

Lyophilized or liquid (Format to be determined during the manufacturing process)

Host

E Coli or Yeast or Baculovirus or Mammalian Cell

Molecular Weight

39,903 Da

Storage

Store at -20°C. For long-term storage, store at -20°C or -80°C. Store working aliquots at 4°C for up to one week. Repeated freezing and thawing is not recommended.

NCBI Accession

B8B6G5.2

NCBI GI

306756301

NCBI Official Full Name

Polyprenol reductase 2

UniProt Gene Name

Osl_26070

UniProt Protein Name

Polyprenol reductase 2

UniProt Primary Accession

B8B6G5

UniProt Comments

Plays a key role in early steps of protein N-linked glycosylation by being required for the conversion of polyprenol into dolichol. Dolichols are required for the synthesis of dolichol-linked monosaccharides and the oligosaccharide precursor used for N-glycosylation. Acts as a polyprenol reductase that promotes the reduction of the alpha-isoprene unit of polyprenols into dolichols in a NADP-dependent mechanism .

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY