

Alcohol dehydrogenase class-3 (Os02g0815500, LOC_Os02g57040), Recombinant Protein

Cat *RP14165*

Size 0.02 mg (*E-Coli*)/ 0.02 mg (*Yeast*)/ 0.1 mg (*E-Coli*)/ 0.1 mg
(*Yeast*)/ 0.02 mg (*Baculovirus*)/ 0.02 mg (*Mammalian-Cell*)/ 0.1

mg (*Baculovirus*)/ 1 mg (*E-Coli*)/ 1 mg (*Yeast*)/ 0.1 mg
(*Mammalian-Cell*)/ 1 mg (*Baculovirus*)/ 0.5 mg (*Mammalian-Cell*)
Species *Oryza sativa* subsp. *japonica* (*Rice*)

Full Product Name

Recombinant *Oryza sativa* subsp. *japonica* Alcohol dehydrogenase class-3 (Os02g0815500, LOC_Os02g57040)

Product Gene Name

Os02g0815500 recombinant protein

Product Synonym Gene Name

Os02g0815500; LOC_Os02g57040

Purity

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

Sequence

MASSTQGQVI TCKAAVAWEA NRPMTIEDVQ VAPPQAGEVR VKILFTALCH TDHYTWSGKD PEGLFPCILG
HEAAGIVESV GEGVTEVQPG DHVIPCYQAE CRECKFCKSG KTNLCGKVRA ATGVGVMMND RKSRSFSGK
PIYHFMGTST FSQYTVVHDV SVAKINPQAP LDKVCLLGCG VSTGLGAVWN TAKVEAGSIV AIFGLGTVGL
AVAEGAKSAG ASRIIGIDID SKKFDVAKNF GVTEFVNPKD HDKPIQQVIV DLTDGGVDYS FECIGNVSVM
RSALECCCHKG WGTSVIVGVA ASGQEISTRP FQLVTGRVWK GTAFGGFKSR SQVPWLVEKY LNKEIKVDEY
VTHSMNLTDI NKAFDLLHEG GCLRCVLATD K

Sequence Positions

1-381, Full length protein

Format

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

Host

E Coli or *Yeast* or *Baculovirus* or *Mammalian Cell*

Molecular Weight

40,823 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

XP_015627169.1

NCBI GI

1002245974

NCBI GenBank Nucleotide

XM_015771683.1

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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(Yeast)/ 0.02 mg (Baculovirus)/ 0.02 mg (Mammalian-Cell)/ 0.1

NCBI GeneID

4331130 mg (Baculovirus)/ 1 mg (E-Coli)/ 1 mg (Yeast)/ 0.1 mg
(Mammalian-Cell)/ 1 mg (Baculovirus)/ 0.5 mg (Mammalian-
Cell)

NCBI Official Full Name

alcohol dehydrogenase class-3

NCBI Official Symbol

LOC4331130

NCBI Official Synonym Symbols

FDH; FALDH; GSH-FDH; OsJ_008550; P0643F09.4; OJ1293_E04.31

NCBI Protein Information

alcohol dehydrogenase class-3

UniProt Gene Name

Os02g0815500

UniProt Synonym Gene Names

FALDH; FDH; GSH-FDH

UniProt Protein Name

Alcohol dehydrogenase class-3

UniProt Synonym Protein Names

Alcohol dehydrogenase class-III; Glutathione-dependent formaldehyde dehydrogenase (EC:1.1.1.-); FALDH;
FDH; GSH-FDH; S-(hydroxymethyl)glutathione dehydrogenase (EC:1.1.1.284

UniProt Primary Accession

Q0DWH1

UniProt Secondary Accession

P93436; Q6K6C1; A0A0P0VRA8

UniProt Related Accession

Q0DWH1

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