

Recombinant Full Length Bovine Dystroglycan(Dag1) Protein, His-Tagged

Cat. No. RFL12468BF **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Recombinant Full Length Bovine Dystroglycan(DAG1) Protein (O18738) (30-653aa), fused to N-terminal His tag, was expressed in E. coli.

Species

Bovine

Source

E.coli

ProteinLength

Full Length of Mature Protein (30-653)

Form

Lyophilized powder

AA Sequence

HWPSEPSEAVRDWENQLEASMHSALSDLHETVPTVVGIPDGTAVVGRSFRVTIPTD
 LIASNGEVIKVSAAGKEALPSWLHWD PQSHTLEGLPLD TDKGVHYISVSAARLGANG
 SHVPQTSSVFSIEVYPEDHSEPQSLRAASDPGGEVSLVCAADEPVTVLTVILDADLT
 KMPKQRIDLLRRMRGFSEVEPHNMKLVVNNRLFDMSAFMAGPGNAKKVVENG
 ALLSWKLGCCLNQNSVPDIRGVEVPAREGAMSAQLGYPVVGWHIANKKPSLPKRIR
 RQIHATPTPVTAIGPPTTAIQEPPSRIVPTPTSPAIPPTETMAPPVRDPVPGKPTVTIR
 TRGAIQTPTLGP IQPTRVSEAGTTVPSQIRPTMTIPGYMEPSTVTTPTTTT KKRVS
 TPRPATPSTDSSTTTTRRPTKKPRTSRPVPRVTTKAPITRLETASPATRMRTTSGV
 PHGGEPNQRPELKNHIDRVDWVGTYFEVKIPSDTFYDNEDTTTDK LKLT LKLRQQ
 LVGEKSWVQFNSNSQLMYGLPDSSHVGKHEYFMHATDKGGLSAVD AFEIHVHRRP
 QGDKAPARFKAKLTGDPAAVTNDIHKKIALVKKLAFAGDRNCSTITLQ NITRGSIVE
 WTNNTLPLEPCPKEQITALSRRIA

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Purity	Greater than 90% as determined by SDS-PAGE.
Applications	SDS-PAGE
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Storage Buffer	Tris/PBS-based buffer, 6% Trehalose, pH 8.0
Reconstitution	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.

GENE INFORMATION

Gene Name	DAG1
Synonyms	DAG1; Dystroglycan 1; Dystroglycan; Dystrophin-associated glycoprotein 1
UniProt ID	O18738

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