

Human DAG1 Recombinant Protein



RPPB3325

Product Information Protein Information

Product SKU:

RPPB3325

Accession:

Q14118

Host:

Escherichia Coli.

Protein description:

DAG1 Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain (a.a 30-312) containing 293 amino acids including a 10 a.a N-terminal His tag. The total molecular mass is 31.87kDa (calculated).

Appearance:

Filtered White lyophilized (freeze-dried) powder.

Synonyms:

Dystroglycan, Dystrophin-associated glycoprotein 1, DAG1, A3a, DAG, AGRNR, 156DAG, MDDGC7, MDDGC9.

Formulation:

DAG1 filtered (0.4 µm) and lyophilized from 0.5mg/ml in 0.05M phosphate buffer and 0.075M NaCl, pH 7.4.

Purity:

Greater than 90.0% as determined by SDS-PAGE.

Solubility:

It is recommended to add 200µl deionized water to prepare a working stock solution of approximately 0.5mg/ml and let the lyophilized pellet dissolve completely. DAG1 is not sterile! Please filter the product by an appropriate sterile filter before using it in the cell culture.

Stability:

Store lyophilized protein at -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles. Reconstituted protein can be stored at 4°C for a limited period of time; it does not show any change after two weeks at 4°C.

Amino Acid Sequence:

MKHHHHHHASHWPSEPSEAV RDWENQLEAS MHSVLSDLHE AVPTVVGIPD GTAVVGRSFR VTIPDLIAS
SGDIKVSAA GKEALPSWLH WDSQSHTLEG LPLDTDKGVH YISVSATRLG ANGSHPQTS SVFSIEVYPE
DHSELQSVRT ASPDPGEVVS SACAADEPVT VLTVILDADL TKMTPKQRID LLHRMRSFSE VELHNMKLVP
VVNNRFLDMS AFMAGPGNAK KVVENGALLS WKLGC SLNQN SVPDIHGVEA PAREGAMSAQ LGYPVVGWHI
ANKKPPLPKR VRR.