

Recombinant Human Annexin A3/ANXA3 Protein

Catalog Number:PKSH032075



Note: Centrifuge before opening to ensure complete recovery of vial contents.

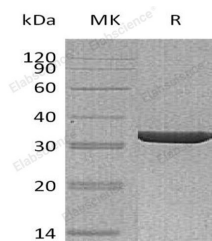
Description

Synonyms	35-alpha calcimedlin;Annexin III;Annexin-3;Inositol 1;2-cyclic phosphate 2-phosphohydrolase;Lipocortin III;Placental anticoagulant protein III;PAP-III;ANX3
Species	Human
Expression Host	E.coli
Sequence	Met 1-Asp323
Accession	P12429
Calculated Molecular Weight	36.4 kDa
Observed molecular weight	33 kDa
Tag	None

Properties

Purity	> 95 % as determined by reducing SDS-PAGE.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Storage	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Shipping	This product is provided as lyophilized powder which is shipped with ice packs.
Formulation	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed manual.
Reconstitution	Please refer to the printed manual for detailed information.

Data



> 95 % as determined by reducing SDS-PAGE.

Background

Annexin A3/ANXA3 contains 4 annexin repeats and belongs to the annexin family. Members of this calcium-dependent phospholipid-binding protein family play a role in the regulation of cellular growth and in signal transduction pathways. It is abnormally expressed in fetuses of both IVF and ICSI, which may contribute to the increase risk of birth defects in these ART. ANXA3 is Inhibitor of phospholipase A2 and cleaves the cyclic bond of inositol 1,2-cyclic phosphate to form inositol 1-phosphate. it also also play a role in anti-coagulant properties.

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