

Recombinant Rat Alpha-fetoprotein Protein (His Tag)

Catalog No. PKSR040466

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

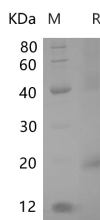
Description

Synonyms	Afp, AFPD, Alpha fetoglobulin, Alpha fetoprotein, Alpha fetoprotein precursor, Alpha-1-fetoprotein, Alpha-fetoglobulin, Alpha-fetoprotein, alpha-fetoprotein, Hereditary persistence of, included, FETA, FETA, Hereditary persistence of alpha fetoprotein, HPAFP
Species	Rat
Expression Host	E.coli
Sequence	Arg25-Ala212
Accession	P02773-1
Calculated Molecular Weight	20.9 kDa
Observed molecular weight	23.18 kDa
Tag	N-His
Bioactivity	Testing in progress

Properties

Purity	> 80 % as determined by reducing SDS-PAGE.
Endotoxin	Please contact us for more information.
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 sterile 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



> 80 % as determined by reducing SDS-PAGE.

For Research Use Only

Background

Binds copper, nickel, and fatty acids as well as, and bilirubin less well than, serum albumin. Only a small percentage (less than 2%) of the human AFP shows estrogen-binding properties.