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## Product Datasheet

### Recombinant Human GFAP protein, E. coli ABB-RP03141

Article Name	Recombinant Human GFAP protein, E. coli
Biozol Catalog Number	ABB-RP03141
Supplier Catalog Number	RP03141
Alternative Catalog Number	ABB-RP03141-50UG, ABB-RP03141-10UG
Manufacturer	ABclonal
Host	E. coli
Category	Proteine/Peptide
Species Reactivity	Human
Immunogen	Leu292-Met432
Product Description	Glial Fibrillary Acidic Protein (GFAP) is an intermediate filament (IF) protein which belongs to the intermediate filament family. GFAP is expressed in numerous cell types of the central nervous system (CNS), ependymal cells and phosphorylated by PKN...
Concentration	< 1 EU/μg of the protein by LAL method.
Molecular Weight	17.26 kDa
Tag	N-His
NCBI	<a href="#">2670</a>
UniProt	<a href="#">P14136</a>
Source	E. coli

Purity	95 % as determined by SDS-PAGE.
Form	Lyophilized from a 0.22 µm filtered solution of 20mM Tris-HCl, 10% Trehalose, 0.05% Tween 80, pH 8.5. Contact us for customized product form or formulation.
Sequence	LTCDLES LRGTNESLERQMREQEERHVREAASYQEALARLEEEGQSLKDEMA RHLQEYQDLLNVKLALDIEIATYRKLLERGEENRITIPVQTFSNLQIRETSLDTKSV SEGHLKRNI VVKTVEMRDGEVIKESKQEHKDVM
Target	GFAP
Application Dilute	Lyophilized from a 0.22 µm filtered solution of 20mM Tris-HCl, 10% Trehalose, 0.05% Tween 80, pH 8.5. Contact us for customized product form or formulation.
Application Notes	Cross-Reactivity: Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles. Research Area: Other Recombinant Protein