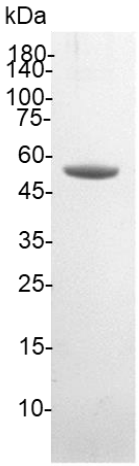
PRODUCT INFORMATION

Recombinant Human GFAP Protein

v. 240101

Catalog number	C01195-5UG / C01195-20UG / C01195-100UG
Package	5 μg / 20 μg / 100 μg
Description	GFAP (Glial Fibrillary Acidic Protein) is a protein primarily found in CNS astrocytes. Increased GFAP immunoreactivity indicates gliosis, a response to neural damage. GFAP defects cause Alexander disease, a rare CNS disorder with astrocytic Rosenthal fiber accumulation. The infantile form leads to myelination failure and early mortality, while the juvenile or adult forms present with ataxia, bulbar signs, spasticity, progressing more gradually.
Expression System	*Escherichia coli*
Sequence	Met1-Met432
Species of Origin	Human
Affinity Tag	His Tag (C-term)
Endotoxin level	<0.1 EU per 1 μg of the protein by the LAL method.
Purity	>98% as determined by SDS-PAGE.
Form	Lyophilized
Storage Buffer	Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4.
Reconstitution	It is recommended to reconstitute the lyophilized protein in sterile H_2O to a concentration not less than 200 μg/mL and incubate the stock solution for at least 20 min to ensure sufficient re-dissolved.
Stability & Storage	This product is stable after storage at: • -20°C for 12 months in lyophilized state from date of receipt. • -20°C or -80°C for two weeks under sterile conditions after reconstitution. Avoid repeated freeze/thaw cycles.



SDS-PAGE analysis of recombinant human GFAP

For research use only.

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