PRODUCT INFORMATION

Target	GFAP
Synonyms	ALXDRD
Description	Recombinant Human GFAP(7-66) with C-terminal human Fc tag
Delivery	In Stock
Uniprot ID	P14136
Expression Host	HEK293
Tag	C-Human Fc Tag
Molecular Characterization	GFAP(Thr7-Arg66) hFc(Glu99-Ala330)
Molecular Weight	The protein has a predicted molecular mass of 32.4 kDa after removal of the signal peptide. The apparent molecular mass of GFAP(7-66)-hFc is approximately 35-55 kDa due to glycosylation.
Purity	The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
Formulation & Reconstitution	Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
Storage&Shipping	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
Background	This gene encodes one of the major intermediate filament proteins of mature astrocytes. It is used as a marker to distinguish astrocytes from other glial cells during development. Mutations in this gene cause Alexander disease, a rare disorder of astrocytes in the central nervous system. Alternative splicing results in multiple transcript variants encoding distinct isoforms. [provided by RefSeq, Oct 2008]
Usage	Research use only
Conjugate	Unconjugated

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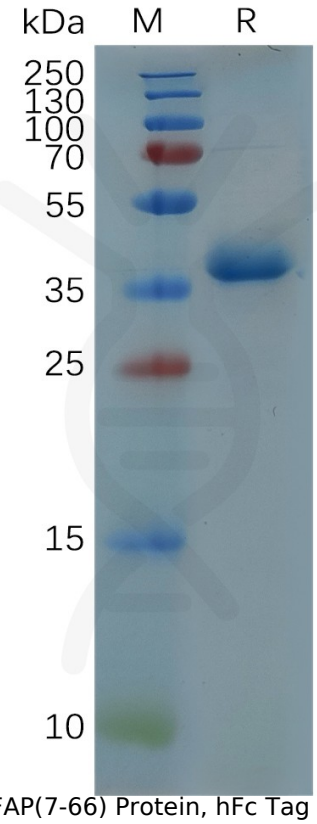


Figure 1. Human GFAP(7-66) Protein, hFc Tag on SDS-PAGE under reducing condition.

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