

GMFB active protein

Recombinant Human GMFB

CATALOG #
AAA214263

HOST
E Coli

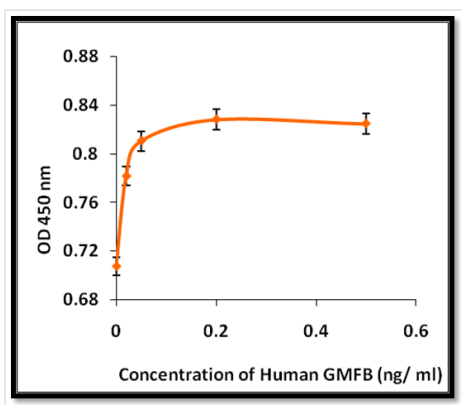
PRODUCT SYNONYMS

GMFB; Recombinant Human GMFB; GMF-beta; Recombinant Human Glia Maturation Factor Beta (GMFB); GMFB active protein

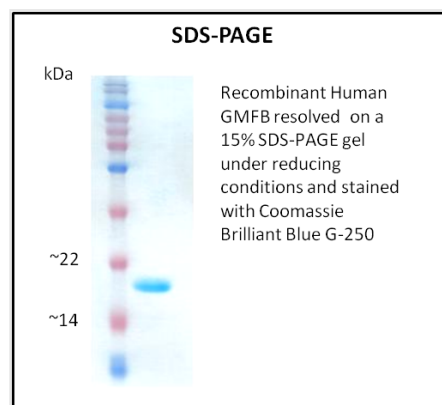
PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	>95% as determined by SDS-PAGE
Form/Format	Lyophilized from a 0.2 um filtered 20 mM PB,130 mM NaCl solution pH 7.5.
Sequence Length	142
Bioactivity	ED50 not determined.
Endotoxin Level	<1.0 EU/ug of recombinant protein as determined by the LAL method.
Reconstitution	A quick spin of the vial followed by reconstitution in distilled water to a concentration not less than 0.1 mg/mL. This solution can then be diluted into other buffers.
Preparation and Storage	The lyophilized protein is stable for at least one year from date of receipt at -70 degree C. Upon reconstitution, this cytokine can be stored in working aliquots at 2-8 degree C for one month, or at -20 degree C for six months, with a carrier protein without detectable loss of activity. Avoid repeated freeze/thaw cycles.

IMAGES



Application Data



Application Data

ADDITIONAL INFORMATION

Related Product Information for GMFB active protein

GMF-beta is a 17-kDa brain-specific protein that was isolated from bovine brain homogenate as a substance inducing the maturation of normal neurons as well as glial cells, and at first, it was considered to be a neurotrophic factor. The amino acid sequence of GMFB is highly conserved among many species, suggesting that it plays basic roles across many species. The expression of GMF-b is largely limited to the brain, especially the glial cells and some neurons. Schwann cells of the distal segment of the transected nerve express GMF-b, and this induction of GMF-b coincides with the temporal expression of nerve growth factor receptors in the cell.

NCBI AND UNIPROT INFORMATION

NCBI GI #	49457222
NCBI GeneID	2764
UniProt Accession #	P60983
Molecular Weight	15.0 kDa
NCBI Official Full Name	GMFB, partial
NCBI Official Synonym Full Names	glia maturation factor beta
NCBI Official Symbol	GMFB
NCBI Official Synonym Symbols	GMF
NCBI Protein Information	glia maturation factor beta
UniProt Protein Name	Glia maturation factor beta
UniProt Gene Name	GMFB
UniProt Synonym Gene Names	GMF-beta
UniProt Entry Name	GMFB_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/e-coli-active-protein/gmfb/214263>