

BA461**Bovine Myelin Basic Protein**

Alternate names:	MBP, Myelin membrane encephalitogenic protein
Quantity:	5 mg
Concentration:	78.5% by Biuret (vial contains ~ 6.4 mg solid).
Background:	Myelin Basic Protein (MBP) functions in the nervous system in myelination and is expressed in oligodendrocytes following differentiation. There are numerous isoforms generated by differential splicing events and post-translational modifications that have specialized functions. These functions include participation in signaling pathways prior to myelination, myelination or the re-myelination process following neural injury.
Uniprot ID:	P02686
NCBI:	NP_001020252.1
GeneID:	4155
Species:	Bovine
Source:	Brain, Bovine brain
Format:	State: Lyophilised purified protein. Purity: >95% SDS PAGE: > 95% Buffer System: Essentially salt free.
Applications:	ELISA. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Description:	Purified protein from bovine brain.
Add. Information:	MBP is a 'sticky' molecule. Glass vials should be used and care should be taken when diluting or transferring this product to avoid loss.
Storage:	Prior to reconstitution store at 2-8°C. Following reconstitution store the protein undiluted at -20°C. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
Caution:	This product has been derived from healthy animals of non-UK origin. In keeping with good laboratory practice it should be handled as if capable transmitting disease.
General Readings:	1. Addison, et al, Horm.Metabol.Res., 16, 311-314 (1984).