

PRODUCT INFORMATION

Target	Mannan Binding Lectin
Synonyms	COLEC1; HSMBPC; MBL; MBL2D; MBP; MBP-C; MBP1; MBPD
Description	Recombinant protein of human mannan-binding lectin (protein C) 2, soluble (opsonic defect) (MBL2)
Delivery	2-3 weeks
Uniprot ID	P11226
Expression Host	HEK293T
Tag	C-Myc/DDK
Molecular Characterization	N/A
Molecular Weight	24 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Formulation & Reconstitution	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol
Storage & Shipping	Store at -80°C.
Background	This gene encodes the soluble mannan-binding lectin or mannan-binding protein found in serum. The protein encoded belongs to the collectin family and is an important element in the innate immune system. The protein recognizes and binds to mannanose and N-acetylglucosamine on many microorganisms, including bacteria, yeast, and viruses including influenza virus, HIV and SARS-CoV. This binding activates the classical complement pathway. Deficiencies of this gene have been associated with susceptibility to autoimmune and infectious diseases. [provided by RefSeq, Jun 2020]
Usage	Research use only
Conjugate	Unconjugated

