PRODUCT INFORMATION

Target	Myeloblastin
Synonyms	ACPA;AGP7;C-ANCA;CANCA;MBN;MBT;NP-4;NP4;P29;PR-3;PR3
Description	Recombinant human Myeloblastin protein with C-terminal human Fc tag
Delivery	Under development
Uniprot ID	P24158
Expression Host	HEK293
Tag	C-Human Fc Tag
Molecular Characterization	Myeloblastin(Ile28-Arg248) hFc(Glu99-Ala330)
Molecular Weight	The protein has a predicted molecular mass of 49.8 kDa after removal of the signal peptide.
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	Polymorphonuclear leukocyte serine protease that degrades elastin, fibronectin, laminin, vitronectin, and collagen types I, III, and IV (in vitro) and causes emphysema when administered by tracheal insufflation to hamsters. [UniProtKB/Swiss-Prot Function]
Usage	Research use only
Conjugate	Unconjugated

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