

**HUMAN MYELOBLASTIN PROTEIN, HFC TAG****Cat.#:** 11706**Product Name:** Human Myeloblastin Protein**Size:** 10 µg, 50 µg and 100 µg**Synonyms:** ACPA;AGP7;C-ANCA;CANCA;MBN;MBT;NP-4;NP4;P29;PR-3;PR3**Target:** Myeloblastin**UNIPROT ID:** P24158**Description:** Recombinant human Myeloblastin protein with C-terminal human Fc tag**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]**Species/Host:** HEK293**Molecular Weight:** The protein has a predicted molecular mass of 49.8 kDa after removal of the signal peptide.**Molecular Characterization:** Myeloblastin(Ile28-Arg248) hFc(Glu99-Ala330)**Purity:** The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.**Formulation & Reconstitution:** Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization.**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.