

Datasheet for ABIN934820
alpha 2 Macroglobulin Protein



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1 Publication

Overview

Quantity: 1 mg

Target: alpha 2 Macroglobulin (A2M)

Origin: Human

Source: Human

Protein Type: Native

Product Details

Characteristics: Purified native Human alpha 2 Macroglobulin protein
Protein Source: Human plasma

Purity: > 95 % pure

Target Details

Target: alpha 2 Macroglobulin (A2M)

Alternative Name: alpha 2 Macroglobulin ([A2M Products](#))

Background: A major serum protein found at concentrations of 240 mg per 100 ml in men and 290 mg per 100 ml in women. Multifunctional, it promotes growth of mammalian cells in culture, stimulates the regeneration of lymphocytes in irradiated mice, possesses a transport function for zinc and is a proteinase inhibitor that controls the clotting and fibrinolytic system. Clinically levels are increased in liver cirrhosis, nephrotic syndrome, diabetes, and severe burn cases. .

Description: Human plasma.

Alternative Names: A2M protein, alpha Macroglobulin 2, S863 7 protein, alpha Macroglobulin-2 protein, alpha 2 Macroglobulin, alpha 2 M protein, alpha Macroglobulin-2, DKFZp779B086

Target Details

protein, alpha 2M protein, alpha Macroglobulin 2 protein, CPAMD5 protein, FWP007 protein

Molecular Weight: 725 kDa

Pathways: [Lipid Metabolism](#)

Application Details

Application Notes: Each Investigator should determine their own optimal working dilution for specific applications.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Buffer: Lyophilized from 30 mM NaO₄, pH 7.0, with glycine as a stabilizer.

Precaution of Use: Donor samples were tested and found to be negative for HBsAg, anti-HCV, anti-HBc, and negative for anti-HIV 1 & 2. Nonetheless caution should be used when handling this material as there is a margin of error in all tests.

Handling Advice: Avoid repeated freeze/thaw cycles.

Storage: -20 °C

Storage Comment: Aliquot and store at -20 °C.

Publications

Product cited in: Rahman, Jeng, Singh, Coughlin, Essani, McFadden: "Interaction of human TNF and beta2-microglobulin with Tanapox virus-encoded TNF inhibitor, TPV-2L." in: **Virology**, Vol. 386, Issue 2, pp. 462-8, (2009) ([PubMed](#)).