Recombinant Human AMBP/Alpha 1 Microglobulin Protein (His Tag)

Catalog No. PKSH030714

Note: Centrifuge before opening to ensure complete recovery of vial contents.

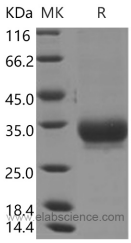
Description

Synonyms	Protein AMBP; Alpha-1-Microglobulin; Protein HC; Alpha-1 Microglycoprotein; Complex-Forming Glycoprotein Heterogeneous in Charge; Inter-Alpha-Trypsin Inhibitor Light Chain; ITI-LC; Bikunin; EDC1; HI-30; Uronic-Acid-Rich Protein; Trypstatin; AMBP; HCP; ITIL;A1M;EDC1;HCP;HI30;IATIL;ITI;ITIL;ITILC;UTI
Species	Human
Expression Host	HEK293 Cells
Sequence	Met 1-Val203
Accession	NP_001624.1
Calculated Molecular Weight	22.3 kDa
Observed molecular weight	32.8 kDa
Tag	C-His

Properties

Purity	> 95 % as determined by reducing SDS-PAGE.
Storage	Lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8℃ for 2-7 days. Aliquots of reconstituted samples are stable at < -20℃ for 3 months.
Shipping	This product is provided as lyophilized powder which is shipped with ice packs.
Formulation	Lyophilized from sterile PBS, pH 7.4
Reconstitution	Please refer to the printed manual for detailed information.

Data



Background

Megakaryocyte potentiating factor belongs to the mesothelin family. This family is comprised by several mammalian pre-pro-megakaryocyte potentiating factor precursor (MPF) or mesothelin proteins. Mesothelin is a glycosylphosphatidylinositol-linked glycoprotein highly expressed in mesothelial cells, mesotheliomas, and ovarian cancer, but the biological function of the protein is not known. Megakaryocyte potentiating factor is highly expressed in

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mesotheliomas, ovarian cancers, and some squamous cell carcinomas (at protein level). It interacts with MUC16 and potentiates megakaryocyte colony formation in vitro. Megakaryocyte potentiating factor is secreted by several mesothelioma cell lines and is frequently elevated in the blood of patients with mesothelioma. Measurement of this protein may be useful in following the response of mesothelioma to treatment.

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