

RPCB1911

Product Information

Product SKU:	RPCB1911	Gene ID:	18793	Size:	100µg
Tag:	C-His & Avi	Reactivity:	Mouse		

Additional Information

Expression Host:	-	Swissprot:	P35456
Purity:	> 95% as determined by HPLC.		

Protein Information

Background: The secreted recombinant human UPAR consists of 292 amino acids with a molecular weight of 32.8 kDa. Recombinant human UPAR migrates as an about 48 kDa band in SDS-PAGE under reducing conditions due to glycosylation. Urokinase plasminogen activator surface receptor (U-PAR) is also known as PLAUR, Monocyte activation antigen Mo3, CD antigen CD87. U-PAR contains three UPAR/Ly6 domains and is expressed in neurons of the rolandic area of the brain (at protein level). PLAUR / UPAR acts as a receptor for urokinase plasminogen activator and plays a role in localizing and promoting plasmin formation. Urokinase plasminogen activator (uPA) and/or its receptor (uPAR) are essential for metastasis, and overexpression of these molecules is strongly correlated with poor prognosis in a variety of malignant tumours. Furthermore, the analysis of U-PAR expression has a potential role in the diagnostic or prognostic work-up of several hematological malignancies, particularly acute leukemia and multiple myeloma.

Protein Description: High quality, high purity and low endotoxin recombinant Recombinant Mouse uPAR/PLAUR/CD87 Protein, tested reactivity in HEK293 cells and has been validated in SDS-PAGE. 100% guaranteed.

Endotoxin: < 1.0 EU/µg of the protein by LAL method.

Formulation: Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4. Contact us for customized product form or formulation.

Storage:

Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.