

Recombinant Human Uteroglobin (SCGB1A1)

Cat No:HR2R2055

For research use only

Overview

Quantity	100 µg
Gene Symbol	SCGB1A1
Gene ID	7356
Accession	P11684
Alternative Name	Clara cell phospholipid-binding protein, CCPBP, Clara cells 10 kDa secretory protein, CC10, Secretoglobin family 1A member 1, Urinary protein 1, Urine protein 1, UP1
Species	Human
Source	E. coli
Description	UP1 is a non-glycosylated secretoglobin family member protein which induces anti-inflammatory and anti-tumorigenic responses. The expression of Uteroglobin is induced by steroid hormones such as estrogen which is further enhanced by the non-steroid hormone prolactin. UP1 has been shown to induce growth stimulatory effects, sequester pro-inflammatory mediators and carcinogens and inhibit cell migration, cell invasion, platelet aggregation and T cell differentiation.
Functions	N.A.
Formulation	Lyophilized from a 0.2 µm filtered solution in PBS
Solubility	Reconstitute at 100 µg/mL in sterile PBS
Appearance	Lyophilized Powder
Molecular Weight	8.2
Purity	>95% as determined by SDS-PAGE
Concentration	< 1.0 EU/µg of recombinant protein as determined by the LAL method.
Shipping Condition	Ambient Temperature
Storage Condition	The lyophilized protein is stable for at least one year from date of receipt at -70°C. Upon reconstitution, this cytokine can be stored in working aliquots at 2° - 8°C for one month, or at -20°C for six months, with a carrier protein without detectable loss of activity. Avoid repeated freeze/thaw cycles.