

Recombinant Human Secreted Protein Acidic and Rich in Cysteine

#R00532

Size: 10 µg/100 µg/500 µg

Stability & Storage

- Use a manual defrost freezer and avoid repeated freeze-thaw cycles.
- 12 months from date of receipt, -20 to -70 °C as supplied.
 - 1 month, 2 to 8 °C under sterile conditions after reconstitution.
 - 3 months, -20 to -70 °C under sterile conditions after reconstitution.



Warning: This product is intended for scientific research only. It is not to be used for medical or diagnostic procedures in humans or animals, nor as a food, cosmetic, or household product.

AA Sequence

APQQEALPDETVVEETVAEVTEVSVGANPVQVEVG
EFDDGAEETEEEVVAENPCQNHHCCKHGKVCELDEN
NTPMCVCQDPTSCPAIGFEFEKVCSDNKTFDSSCH
FFATKCTLEGTKKGKHLHLDYIGPCKYIPPCLDSELTE
FPLRMRDWLKNVLVTLYERDEDNNLLTEKQKLRVKKI
HENEKRLEAGDHPVELLARDFEKNYNMYIFPVHWQF
GQLDQHPIDGYLSHTELAPLRAPLIPMEHCTTRFFET
CDLDNDKYIALDEWAGCFGIKQKDIDKDLVI

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute in sterile distilled water to a concentration of 0.1-1.0 mg/mL. Stock solutions should be apportioned into working aliquots and stored at ≤ -20 °C. Further dilutions should be made in appropriate buffered solutions.

Product Specification

Synonyms	Basement-membrane Protein 40, BM-40, Osteonectin, ON
Accession	P09486
GeneID	6678
Species	Human
Source	Escherichia coli.
Molecular Weight	Approximately 32.7 kDa, a single non-glycosylated polypeptide chain containing 286 amino acids.
Purity	> 98 % by SDS-PAGE and HPLC analyses.
Biological Activity	Fully biologically active when compared to standard. The ED ₅₀ as determined by its ability to inhibit the cell growth of Mv1Lu mink lung epithelial cells is less than 3.0 µg/mL, corresponding

	to a specific activity of > 333 IU/mg.
Physical Appearance Formulation	Sterile Filtered White lyophilized (freeze-dried) powder. Lyophilized from a 0.2 µm filtered concentrated solution in PBS, pH 7.4.
Endotoxin	Less than 0.1 EU/µg of rHuSPARC as determined by LAL method.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.