

Recombinant Human Visceral Adipose Tissue-Derived Serpin

#R00499

Size: 5 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

LKPSFSPRNYKALSEVQGWKQRMAAKELARQNMDL
GFKLLKKLAFYNPGRNIFLSPLSISTAFSMLCLGAQDS
TLDEIKQGFNFRKMPEKDLHEGFHYIIHELTQKTQDLK
LSIGNTLFIDQRLQPQRKFLEDAKNFYSAETILTNFQN
LEMAQKQINDFISQKTHGKINNLIENIDPGTVMLLANYI
FFRARWKHEFDPNVTKEEDFFLEKNSSVKVPMMFRS
GIYQVGYYDDKLSTILEIPYQKNITAIFILPDEGKLKHLE
KGLQVDTFSRWKTLLSRRVVDVSVPRLHMTGTFDLK
KTLSYIGVSKIFEHGDLTKIAPHRSLKVGEAVHKAEL
KMDERGTEGAAGTGAQTLPMETPLVVKIDKPYLLLIY
SEKIPSVLFLGKIVNPIGK

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute in sterile distilled water or aqueous buffer containing 0.1 % BSA 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

Accession	Q8IW75
GeneID	145264
Species	Human
Source	Escherichia coli.
Molecular Weight	Approximately 45.1 kDa, a single non-glycosylated polypeptide chain containing 394 amino acids.
Purity	> 98 % by SDS-PAGE and HPLC analyses.
Biological Activity	Data Not Available.
Physical Appearance	Sterile Filtered White Lyophilized (freeze-dried) powder.
Formulation	Lyophilized from a 0.2 µm filtered concentrated solution in 20 mM Tris-HCl, pH 8.0, 150 mM NaCl, with 0.02 % Tween-20.

Endotoxin	Less than 0.1 EU/μg of rHuVaspin as determined by LAL method.
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