

Recombinant Human

TP53-induced Glycolysis and

Apoptosis Regulator-TAT

#R00491

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

MARFALTVVRHGETRFNKEKIIQQGGVDEPLSETGFK
QAAAAGIFLNNVKFTHAFSSDLMRTKQTMHGILERSK
FCKDMTVKYDSRLRERKYGVVEGKALSELRAMAKAA
REECPVFTPPGGETLDQVKMRGIDFFFLCQLILKEA
DQKEQFSQGSPSNCLETSLAEIFPLGKNHSSKVNSD
SGIPGLAASVLVVSHGAYMRSLFDYFLDLKCSLPATL
SRSELMSVTPNTGMSLFIINFEEGREVKPTVQCICMN
LQDHLNGLTETRGGYGRKKRRQRRR

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	Q9NQ88
GeneID	57103
Species	Human
Source	Escherichia coli.
Molecular Weight	Approximately 31.7 kDa, a single non-glycosylated polypeptide chain containing 283 amino acids.
Purity	> 96 % by SDS-PAGE and HPLC analyses.
Biological Activity	Fully biologically active when compared to standard. The biological activity determined by its ability to protect U2OS cells from apoptosis induced by hydrogen peroxide is in a concentration range of 0.1-5.0 μg/ml, after pretreating with

Physical Appearance Formulation	rHuTIGAR-TAT for 4 hours. Sterile Filtered White lyophilized (freeze-dried) powder. Lyophilized from a 0.2 μm filtered concentrated solution in 30 % Acetonitrile, 0.1% TFA.
Endotoxin	Less than 0.1 EU/μg of rHuTIGAR-TAT as determined by LAL method.