

Recombinant Human Glial cell line-derived neurotrophic factor(GDNF)

Catalog No: #AP70331

Package Size: #AP70331-1 20ug #AP70331-2 100ug #AP70331-3 1mg

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Description

Product Name	Recombinant Human Glial cell line-derived neurotrophic factor(GDNF)
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:78-211aaSequence Info:Full Length
Other Names	Astrocyte-derived trophic factor ;ATF
Accession No.	P39905
Calculated MW	31.1 kDa
Tag Info	N-terminal 6xHis-SUMO-tagged
Target Sequence	SPDKQMAVLPRRERNRQAAAAANPENSRGKGRRGQRGKNRGCVLTAIHLNVTDLGLGYETKEELIFRYCSGS CDAAETTYDKILKNLSRNRRLVSDKVGQACCRPIAFDDDLNFLVYHILRKHSKRKCGCI
Formulation	Tris-based buffer50% glycerol
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C,-80°C. The shelf life of lyophilized form is 12 months at -20°C,-80°C.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

Neurotrophic factor that enhances survival and morphological differentiation of dopaminergic neurons and increases their high-affinity dopamine uptake.

References

GDNF a glial cell line-derived neurotrophic factor for midbrain dopaminergic neurons.Lin L.-F.H., Doherty D.H., Lile J.D., Bektesh S., Collins F.Science 260:1130-1132(1993)Research Topic:Neuroscience

Note: This product is for in vitro research use only and is not intended for use in humans or animals.