

Recombinant Bovine Selenoprotein P(SEPP1)

Catalog No: #AP70758

Package Size: #AP70758-1 20ug #AP70758-2 100ug #AP70758-3 1mg

Description

Product Name	Recombinant Bovine Selenoprotein P(SEPP1)
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:20-402aaSequence Info:Full Length
Other Names	Selenoprotein P-like protein
Accession No.	P49907
Calculated MW	70.1 kDa
Tag Info	N-terminal GST-tagged
Target Sequence	ESQGQSSYCKQPPPWSIKDQDPMNSYGSVTVALLQASSYLCILQASRLEDLRVKLEKEGYSNISYVVVNHQ GISSRLKYVHLKNKVSEHIPVYQEEENQPDVWTLNNGNKDDFLIYDRGRLVYHLGLPYSFLTFTYVEDSIKTV YCEDKCGNCSLKALEDEDVCKNVFLATKEKTAEASQRHHHPHSHPHPHPHPHPHPHPHHGHQLHENA HLSESPKPDTPDTPENPPPSGLHHHHHRHKGPRQGHSDNCDTPVGSESLQPSLPQKKLSRKRCINQLLSQ FPKDSSESALSSCCCHRHVLFEKTGSAITSQCTEKLPSLCSSQGLLAENVIESSQSRLPPAASQAAGQQLNP TEASTKSSSKNKAKMSKSPSN
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

Constitutes a major selenium pool in the brain and may play an important role in developing and,or modulating the morphology of neurons and,or glial cells.

References

Molecular cloning of cDNA encoding a bovine selenoprotein P-like protein containing 12 selenocysteines and a (His-Pro) rich domain insertion, and its regional expression.Saijoh K., Saito N., Lee M.J., Fujii M., Kobayashi T., Sumino K.Brain Res. Mol. Brain Res. 30:301-311(1995)Research Topic:Others

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