



## Serpinf1, Recombinant, Rat, aa21-418, GST-Tag (Pigment Epithelium-derived Factor)

### Catalog number

375275

### Supplier

United States Biological

### Source:

Recombinant protein corresponding to aa21-418 from rat Serpinf1, fused to GST-Tag at N-terminal, expressed in E. coli.

### Molecular Weight

~71.4kD

### AA Sequence

NVPDSSQDSPAPDSTGEPVVEEDDPFFKAPVVKLAAAVSNFGYDLYRLRSGAVSTGNILLSPLSVATALSALS LGAE  
QRTESVIHRALYYDLINNPDIHSTYKELLASVTAPEKNFKSASRIVFERKLRVKSSFVAPLEKSYGTRPRILTGNPRIDLQ  
EINNWWQAQMKGKIARSTREMPALSILLGVAIFYKQWATKFSRKTLLQDFHLDEDRTVRVPMMSDPKAILRYG  
LSDLNCKIAQLPLTGSMISIFFLPLTVTQNLTMIEESLTSEFVHDIDRELKTIQAVLTVPKLKSIEGVDVNSLQDMKL  
QSLFESPDFSKITGKPVKLTQVEHRAAFEWNEEGAGTSSNPDLQPVRLTFPLDYHLNRPFIFVLRDRTDTGALLFIGRIL  
DPSST

### Storage and Stability

May be stored at 4°C for short-term only. Aliquot to avoid repeated freezing and thawing. Store at -20°C. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Further dilutions can be made in assay buffer.

### Formulation

Supplied as a liquid in Tris, 50% glycerol.

### Purity

≥90% (SDS-PAGE)

### Grade

Purified

### Storage

-20°C

### MW

71.4

### Antigen Modification

Recombinant, E. coli

### Reference



1. Gene and alternative splicing annotation with AIR. Florea L., Di Francesco V., Miller J., Turner R., Yao A., Harris M., Walenz B., Mobarry C., Merkulov G.V., Charlab R., Dew I., Deng Z., Istrail S., Li P., Sutton G. *Genome Res.* 15:54-66(2005), 2. PEDF attenuates hypoxia-induced apoptosis and necrosis in H9c2 cells by inhibiting p53 mitochondrial translocation via PEDF-R, Wang X. et al, *Biochem Biophys Res Commun*, 2015 Aug 12. pii: S0006-291X(15)30405-8.