Bioactive

SERPINB2 (Human) Recombinant Protein

Catalog # P6385 Size 10 ug

Specification

Product Description	Human SERPINB2 (P05120) recombinant protein expressed in *E. Coli*.
Sequence	MEDLCVANTLFALNLFKHLAKASPTQNLFLSPWSISSTMAMVYMGSRGSTEDQMAKVLQFNEVG ANAVTPMTPENFTSCGFMQQIQKGSYPDAILQAQAADKIHSSFRSLSSAINASTGNYLLESVNKLF GEKSASFREEYIRLCQKYYSSEPQAVDFLECAEEARKKINSWVKTQTKGKIPNLLPEGSVDGDTR MVLVNAVYFKGKWKTPFEKKLNGLYPFRVNSAQRTPVQMMYLREKLNIGYIEDLKAQILELPYAGD VSMFLLLPDEIADVSTGLELLESEITYDKLNKWTSKDKMAEDEVEVYIPQFKLEEHYELRSILRSMG MEDAFNKGRANFSGMSERNDLFLSEVFHQAMVDVNEEGTEAAAGTGGVMTGRTGHGGPQFVA DHPFLFLIMHKITNCILFFGRFSSP
Host	Escherichia coli
Theoretical MW (kDa)	46
Form	Lyophilized
Purity	> 95%
Endotoxin Level	<= 1 EUs/ug (LAL gel clot method)
Activity	Determined by the inhibitory effect against single chain tPA induced cleavage of a chromogenic sub strate in Imidazole Buffer at 37°C.
Storage Buffer	Lyophilized from PBS, pH 7.2.
Storage Instruction	Stored at -20°C to-80°C. After reconstitution with sterile water not less than 0.1 mg/mL, store at -20°C to -80°C for 6 months, st ore at 4°C for 1 month. Aliquot to avoid repeated freezing and thawing.

Applications

- Functional Study

Copyright © 2023 Abnova Corporation. All Rights Reserved.

- Western Blot

Gene Info — SERPINB2

Entrez GeneID	5055
Protein Accession#	P05120
Gene Name	SERPINB2
Gene Alias	HsT1201, PAI, PAI-2, PAI2, PLANH2
Gene Description	serpin peptidase inhibitor, clade B (ovalbumin), member 2
Omim ID	173390
Gene Ontology	Hyperlink
Gene Summary	clade B (ovalbumin)
Other Designations	plasminogen activator inhibitor 2|plasminogen activator inhibitor, type II (arginine-serpin)|serine (or cysteine) proteinase inhibitor, clade B (ovalbumin), member 2

Disease

- Antiphospholipid Syndrome
- Birth Weight
- Carcinoma
- Cardiovascular Diseases
- Cerebral Palsy
- Diabetes Mellitus
- Edema
- Genetic Predisposition to Disease
- Glioblastoma
- Glioma
- Infant

Copyright © 2023 Abnova Corporation. All Rights Reserved.

- Kidney Failure
- Leukemia
- Lung Neoplasms
- Lupus Erythematosus
- Meningeal Neoplasms
- Meningioma
- Ovarian Neoplasms
- Premature Birth
- Small Cell Lung Carcinoma

Copyright © 2023 Abnova Corporation. All Rights Reserved.