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Datasheet for ABIN1314496

PDGFA Protein (AA 1-211) (GST tag)

1 Image

1 Publication

Overview

Quantity:	10 µg
Target:	PDGFA
Protein Characteristics:	AA 1-211
Origin:	Human
Source:	Wheat germ
Protein Type:	Recombinant
Purification tag / Conjugate:	This PDGFA protein is labelled with GST tag.
Application:	Western Blotting (WB), ELISA, Antibody Array (AA), Affinity Purification (AP)

Product Details

Purpose:	PDGFA (Human) Recombinant Protein (P01)
Sequence:	MRTLACLLLL GCGYLAHVLA EEAEIPREVI ERLARSQIHS IRDLQRLLLEI DSVGSEDSLD TSLRAHGVHA TKHVPEKRPL PIRRKRSIEE AVPAVCKTRT VIYEIPRSQV DPTSANFLIW PPCVEVKRCT GCCNTSSVKC QPSRVHHRVSV KVAKVEYVRK KPKLKEVQVR LEEHLECACA TTSLNPDYRE EDTGRPRESG KKRKRKRLKP T
Characteristics:	Human PDGFA full-length ORF (NP_002598.4, 1 a.a. - 211 a.a.) recombinant protein with GST-tag at N-terminal.
Purification:	in vitro wheat germ expression system

Target Details

Target:	PDGFA
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Target Details

Alternative Name:	PDGFA (PDGFA Products)
Background:	Full Gene Name: platelet-derived growth factor alpha polypeptide Synonyms: PDGF-A,PDGF1
Gene ID:	5154
NCBI Accession:	NM_002607
Pathways:	RTK Signaling , Fc-epsilon Receptor Signaling Pathway , EGFR Signaling Pathway , Neurotrophin Signaling Pathway , Smooth Muscle Cell Migration , Platelet-derived growth Factor Receptor Signaling

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Comment:	Preparation method: in vitro, wheat germ expression system Product Quality tested by: 12.5% SDS-PAGE Stained with Coomassie Blue.
Restrictions:	For Research Use only

Handling

Buffer:	50 mM Tris-HCl, 10 mM reduced Glutathione, pH =8.0 in the elution buffer.
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-80 °C
Storage Comment:	Best use within three months from the date of receipt of this protein.

Publications

Product cited in:	Paule, Nebl, Webb, Vollenhoven, Rombauts, Nie: "Proprotein convertase 5/6 cleaves platelet-derived growth factor A in the human endometrium in preparation for embryo implantation." in: Molecular human reproduction , Vol. 21, Issue 3, pp. 262-70, (2015) (PubMed).
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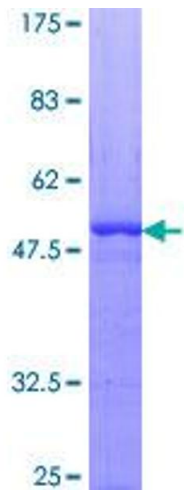


Image 1.