Datasheet for ABIN7596476

WNT5A Protein (AA 1-380) (GST tag)

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Overview

Quantity:	2 µg
Target:	WNT5A
Protein Characteristics:	AA 1-380
Origin:	Human
Source:	Wheat germ
Protein Type:	Recombinant
Purification tag / Conjugate:	This WNT5A protein is labelled with GST tag.
Application:	Western Blotting (WB), ELISA, Antibody Array (AA), Affinity Purification (AP)

Product Details

Purpose:	WNT5A (Human) Recombinant Protein (P01)
Sequence:	MKKSIGILSP GVALGMAGSA MSSKFFLVAL AIFFSFAQVV IEANSWWSLG MNNPVQMSEV YIIGAQPLCS QLAGLSQGQK KLCHLYQDHM QYIGEGAKTG IKECQYQFRH RRWNCSTVDN TSVFGRVMQI GSRETAFTYA VSAAGVVNAM SRACREGELS TCGCSRAARP KDLPRDWLWG GCGDNIDYGY RFAKEFVDAR ERERIHAKGS YESARILMNL HNNEAGRRTV YNLADVACKC HGVSGSCSLK TCWLQLADFR KVGDALKEKY DSAAAMRLNS RGKLVQVNSR FNSPTTQDLV YIDPSPDYCV RNESTGSLGT QGRLCNKTSE GMDGCELMCC GRGYDQFKTV QTERCHCKFH WCCYVKCKKC TEIVDQFVCK
Characteristics:	Human WNT5A full-length ORF (NP_003383.2, 1 a.a. - 380 a.a.) recombinant protein with GST-tag at N-terminal.
Purification:	in vitro wheat germ expression system

Target Details

Target:	WNT5A
Alternative Name:	WNT5A (WNT5A Products)
Background:	Full Gene Name: wingless-type MMTV integration site family, member 5A Synonyms: hWNT5A
Gene ID:	7474
NCBI Accession:	NM_003392
Pathways:	WNT Signaling, Cellular Response to Molecule of Bacterial Origin, Positive Regulation of Immune Effector Process, Production of Molecular Mediator of Immune Response, Regulation of Cell Size, Tube Formation

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:	Bazhin, Tambor, Dikov, Philippov, Schadendorf, Eichmüller: "cGMP-phosphodiesterase 6, transducin and Wnt5a/Frizzled-2-signaling control cGMP and Ca(2+) homeostasis in melanoma cells." in: **Cellular and molecular life sciences : CMLS**, Vol. 67, Issue 5, pp. 817-28, (2010) (PubMed).

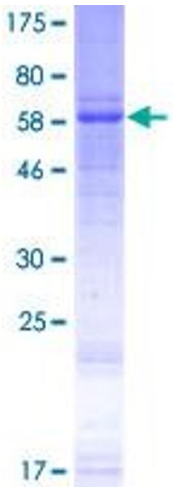

Image 1.

