Datasheet for ABIN1325356

WNT2 Protein (AA 1-360) (GST tag)

1 Image | 2 Publications

Go to Product page

Overview

Quantity:	25 µg
Target:	WNT2
Protein Characteristics:	AA 1-360
Origin:	Human
Source:	Wheat germ
Protein Type:	Recombinant
Purification tag / Conjugate:	This WNT2 protein is labelled with GST tag.
Application:	ELISA, Western Blotting (WB), Antibody Array (AA), Affinity Purification (AP)

Product Details

Purpose:	WNT2 (Human) Recombinant Protein (P01)
Sequence:	MNAPLGGIWL WLPLLLTWLT PEVNSSWWYM RATGGSSRVM CDNVPGLVSS QRQLCHRHPD VMRAISQGVA EWTAECQHQF RQHRWNCNTL DRDHSLFGRV LLRSSRESAF VYAISSAGVV FAITRACSQG EVKSCSCDPK KMGSAKDSKG IFDWGGCSDN IDYGIKFARA FVDAKERKGK DARALMNLHN NRAGRKAVKR FLKQECKCHG VSGSCTLRTC WLAMADFRKT GDYLWRKYNG AIQVVMNQDG TGFTVANERF KKPTKNDLVY FENSPDYCIR DREAGSLGTA GRVCNLTSRG MDSCEVMCCG RGYDTSHVTR MTKCGCKFHW CCAVRCQDCL EALDVHTCKA PKNADWTTAT
Characteristics:	Human WNT2 full-length ORF (AAH29854, 1 a.a. - 360 a.a.) recombinant protein with GST-tag at N-terminal.
Purification:	in vitro wheat germ expression system

Target Details

Target:	WNT2
Alternative Name:	WNT2 (WNT2 Products)
Background:	Full Gene Name: wingless-type MMTV integration site family member 2 Synonyms: INT1L1,IRP
Gene ID:	7472
Pathways:	WNT 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:	Tsaousi, Williams, Lyon, Taylor, Swain, Johnson, George: "Wnt4/β-catenin signaling induces VSMC proliferation and is associated with intimal thickening." in: **Circulation research**, Vol. 108, Issue 4, pp. 427-36, (2011) (PubMed). Habuchi, Nagai, Sugaya, Atsumi, Stevens, Kimata: "Mice deficient in heparan sulfate 6-O-sulfotransferase-1 exhibit defective heparan sulfate biosynthesis, abnormal placentation, and late embryonic lethality." in: **The Journal of biological chemistry**, Vol. 282, Issue 21, pp. 15578-88, (2007) (PubMed).

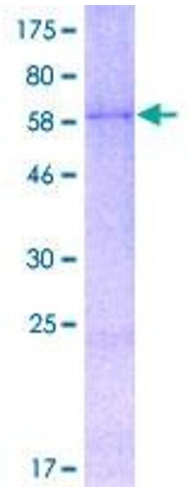

Image 1.