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Datasheet for ABIN7455612 WNT3A Protein

Overview

Quantity:	50 µg
Target:	WNT3A
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant

Product Details

Purpose:	Recombinant Human Protein Wnt-3a is produced by our Mammalian expression system and the target gene encoding Ser19-Lys352 is expressed with a fusion design at the N-terminus.
Characteristics:	Extracellular Domain Protein
Purity:	Greater than 90 % as determined by reducing SDS-PAGE.

Target Details

Target:	WNT3A
Alternative Name:	Wnt3a (WNT3A Products)
Background:	<p>MGC119418, MGC119419, MGC119420, protein Wnt-3a, wingless-type MMTV integration site family, member 3A, Wnt3a, Wnt-3a</p> <p>Description: Wnt-3a is one of 19 vertebrate members of the Wingless-type MMTV integration site (Wnt) family of highly conserved cysteine-rich secreted glycoproteins important for normal developmental processes. Required for normal embryonic mesoderm development and formation of caudal somites. Required for normal morphogenesis of the developing neural tube (By similarity). Mediates self-renewal of the stem cells at the bottom on intestinal crypts (in</p>

Target Details

	vitro).
Molecular Weight:	105.9 KDa
UniProt:	P56704
Pathways:	WNT Signaling , Regulation of Muscle Cell Differentiation , Regulation of Cell Size , Positive Regulation of Endopeptidase Activity

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Buffer:	a 0.2 µm filtered solution of PBS, pH 7.4.
Storage:	-20 °C
Storage Comment:	Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Expiry Date:	12 months