

Datasheet for ABIN7319867

WNT3A Protein**1** Image[Go to Product page](#)

Overview

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

Product Details

Purpose:	Recombinant Human Wnt3a/Wnt-3a
Sequence:	Ser19-Lys352
Characteristics:	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.
Purity:	>90 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	WNT3A
Alternative Name:	Wnt3a/Wnt-3a (WNT3A Products)
Background:	Background: 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

Target Details

(By similarity). Mediates self-renewal of the stem cells at the bottom on intestinal crypts (in vitro).

Synonym: MGC119418, MGC119419, MGC119420, protein Wnt-3a, wingless-type MMTV integration site family, member 3A, Wnt3a, Wnt-3a

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

Handling

Format: Lyophilized

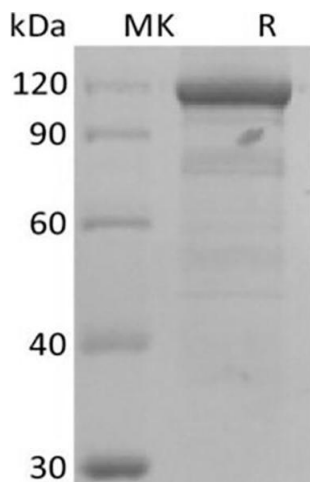
Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.

Storage: 4 °C, -20 °C, -80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

Images



Western Blotting

Image 1.