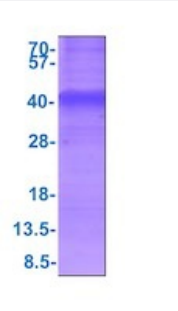
WNT3A (Human) Recombinant Protein

Catalog # P7789 Size 500 ug

Applications



SDS-PAGE analysis of WNT3A (Human) Recombinant Protein

Specification

Product Description	Human WNT3A (NP_149122.1, 19 a.a. - 352 a.a) partial recombinant protein with His tag expressed in *Escherichia coli*.
Sequence	MSYPIWWSLAVGPQYSSLGSQPILCASIPGLVPKQLRFCRNYVEIMPSVAEGIKIGIQECQHQFRGRRWNCTTVHDSLAIFGPVLDKATRESAFVHAIASAGVAFAVTRSCAEGTAAICGCSSRHQGSPGKGWKWGGCSEDIEFGGMVSREFADARENRPDARSAMNRHNNEAGRQAIASHMHLKCKCHGLSGSCEVKTCWWSQPDFRAIGDFLKDKYDSASEMVVEKHRESRGWVETLRPRYTYFKVPTERDLVYYEASPNFCEPNPETGSFGTRDRTCNVSSHGIDGCDLLCCGRGHNARAERRREKCRCVFHWCCYVSCQECTRVYDVHTCK
Host	Escherichia coli
Theoretical MW (kDa)	37.5
Form	Liquid
Preparation Method	*Escherichia coli* expression system
Purity	> 85% by SDS-PAGE
Quality Control Testing	3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain. SDS-PAGE analysis of WNT3A (Human) Recombinant Protein

Copyright © 2023 Abnova Corporation. All Rights Reserved.

Recommend Usage	SDS-PAGE Denatured The optimal working dilution should be determined by the end user.
Storage Buffer	In 20mM Tris-HCl buffer, pH8.0 (10% glycerol).
Storage Instruction	Store at 2°C to 8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- SDS-PAGE

Gene Info — WNT3A

Entrez GeneID	89780
Protein Accession#	P56704
Gene Name	WNT3A
Gene Alias	MGC119418, MGC119419, MGC119420
Gene Description	wingless-type MMTV integration site family, member 3A
Omim ID	606359
Gene Ontology	Hyperlink
Gene Summary	The WNT gene family consists of structurally related genes which encode secreted signaling prot eins. These proteins have been implicated in oncogenesis and in several developmental process es, including regulation of cell fate and patterning during embryogenesis. This gene is a member of the WNT gene family. It encodes a protein which shows 96% amino acid identity to mouse Wnt 3A protein, and 84% to human WNT3 protein, another WNT gene product. This gene is clustered with WNT14 gene, another family member, in chromosome 1q42 region. [provided by RefSeq
Other Designations	OTTHUMP00000035713

Pathway

- Basal cell carcinoma
- Hedgehog signaling pathway

Copyright © 2023 Abnova Corporation. All Rights Reserved.

- Melanogenesis
- Pathways in cancer
- Wnt signaling pathway

Disease

- Cleft Lip
- Cleft Palate
- Genetic Predisposition to Disease

Copyright © 2023 Abnova Corporation. All Rights Reserved.