

Active Recombinant Human WNT3A Surrogate Protein, Fc-tagged, For Organoid Culture

Cat. No. WNT3A-186H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human WNT3A Surrogate Protein, fused with C-terminal Fc tag, was expressed in HEK293.
Species	Human
Source	HEK293
Tag	C-Fc
Form	Lyophilized from sterile PBS, pH 7.4, 3% trehalose.
Bio-activity	Measured by its ability to induce Topflash reporter activity in HEK293 reporter cells. The ED50 for this effect is 10-50 ng/mL.
Molecular Mass	The recombinant human WNT3A Surrogate Protein has a predicted molecular mass of 59.2 kDa (monomer). It migrates as an approximately 63-70 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	<0.10 EU/μg of the protein by the LAL method.
Purity	>90%, by SDS-PAGE under reducing conditions.
Storage	Store it under sterile conditions at -20°C to -80°C. Reconstituted protein stable at -80°C for 12 months, 4°C for 1 weeks. Use a manual defrost freezer and avoid

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repeated freeze-thaw cycles.

Organoid Culture 50-100ng/ml

Reconstitution It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name WNT3A wingless-type MMTV integration site family, member 3A [Homo sapiens]

Official Symbol WNT3A

Synonyms WNT3A; wingless-type MMTV integration site family, member 3A; protein Wnt-3a; MGC119418; MGC119419; MGC119420;

Gene ID 89780

mRNA Refseq NM_033131

Protein Refseq NP_149122

MIM 606359

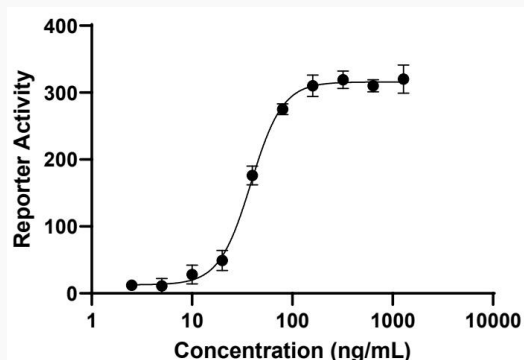
UniProt ID P56704

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Activity



SDS-PAGE

