Recombinant Human Wnt3a/Wnt-3a

RPES6322

Description

This high-purity recombinant protein is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

Protein Information

SKU: RPES6322

Contents: 50µg, 10µg
Bradford Reagent: 1 vial (2ml)

Species: Human

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

Tag: None

Expression Host: HEK293 Cells

Calculated MW: 58.5 kDa

Observed MW: 66-73 kDa

Purity: > 95 % as determined by reducing SDS-PAGE.

Concentration: Subject to label value.

Endotoxin: < 0.01 EU per µg of the protein as determined by the LAL method.

Storage: Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.
Store Bradford Reagent at Room Temperature for 1 year.

Shipping: This product is provided as liquid. It is shipped at frozen temperature with blue ice/gel packs. Upon receipt, store it immediately at < - 20°C.

Bio-Activity: Measured by its ability to induce Topflash reporter activity in HEK293T human embryonic kidney cells.The ED50 for this effect is 20-80 ng/ml.

Formulation: Supplied as a 0.2 µm filtered solution of 25mM Tris-HCl, 500mM NaCl, pH8.2. Measured by its ability to induce Topflash reporter activity in HEK293T human embryonic kidney cells.The ED50 for this effect is 20-80 ng/ml. Mouse Colon organoids were cultured with EGF (RPES2898), Wnt3a (RPES6322), Noggin (RPES1029) , and R-spondin 1 (RPES3999). The organoids showed good morphology.

Reconstitution: -

Accession: -

Source: -

Sequence: -

Form: Liquid

Protein Quantification (Optional): To quantify total protein levels, use the Bradford Reagent included in this kit. Visit https://www.assaygenie.com/bradford-protein-assay-protocol/ to view the full protocol

Notes: Centrifuge before opening to ensure complete recovery of vial contents.