

Recombinant Human DKK1 Protein

Catalog No.: RP00354 **Recombinant**

Sequence Information

Species	Gene ID	Swiss Prot
Human	22943	O94907

Tags
N-8×His

Synonyms
DKK1;DKK-1;SK

Product Information

Source	Purification
HEK293 cells	> 95% by SDS-PAGE.

Endotoxin
< 1 EU/μg of the protein by LAL method.

Formulation
Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4. Contact us for customized product form or formulation.

Reconstitution
Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water.

Background

This protein belongs to a protein that is a member of the dickkopf family. It is a secreted protein with two cysteine rich regions and is involved in embryonic development through its inhibition of the WNT signaling pathway. Elevated levels of DKK1 in bone marrow plasma and peripheral blood is associated with the presence of osteolytic bone lesions in patients with multiple myeloma.

Basic Information

Description

Recombinant Human DKK1 Protein is produced by Human cell expression system. The target protein is expressed with sequence (Thr32-His266) of human DKK1 (Accession #O94907) fused with an 8×His tag at the N-terminus.

Bio-Activity

Storage

Store the lyophilized protein at -20°C to -80 °C for long term.
After reconstitution, the protein solution is stable at -20 °C for 3 months, at 2-8 °C for up to 1 week.
Avoid repeated freeze/thaw cycles.

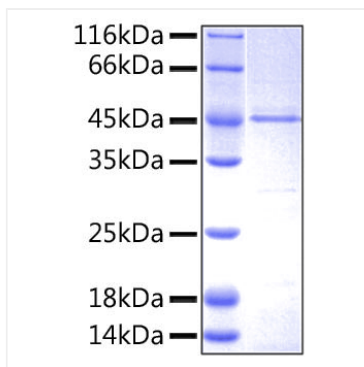
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Validation Data



Recombinant protein Human DKK1 was determined by SDS-PAGE under reducing conditions with Coomassie Blue, showing a band at 45 kDa.