

32-7628: Recombinant Mouse Dickkopf-Related Protein 1/mDKK1/DKK-1 (N-8His)(Discontinued)

Gene : Dkk1
Gene ID : 13380
Uniprot ID : O54908

Description

Source: Human Cells.

MW :27.4kD.

Recombinant Mouse Dickkopf-related protein 1 is produced by our Mammalian expression system and the target gene encoding Thr32-His272 is expressed with a 8His tag at the N-terminus. This gene encodes a protein that is a member of the dickkopf family. It possesses two clusters of ten cysteine residues separated by a linker region. The protein highly expressed in thyroid, small intestine, stomach, liver, placenta, pancreas, uterus, abdominal cavity, bladder and skin. Weaker expression has been detected in colon and spleen. It antagonizes canonical Wnt signaling by inhibiting LRP5/6 interaction with Wnt and by forming a ternary complex with the transmembrane protein KREMEN that promotes internalization of LRP5/6.

Product Info

Amount : 10 µg / 50 µg
Content : Lyophilized from a 0.2 µm filtered solution of PBS,pH7.4.
Storage condition : Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.
Amino Acid : HHHHHHHHQLNSVLINSNAIKNLPPLGGAGGQPGSAVSVAPGVLYEGGNKYQTLDNYPYCAEDECES
DEYCSPSRGAAGVGGVQICLACRKRRCMRHAMCCPGNYCKNGICMPDHSFPRGEIEESIENLGNLNDHN
AAAGDGYPRRTTLTSKIYHTKGQEGSVCLRSSDCAAGLCCARHFWSKICKPVLKEGQVCTKHKRKGSGLLEIF
QRCYCGEGLACRIQKDHQASNSRLHTCQRH

Application Note

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in ddH₂O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

Endotoxin : Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.