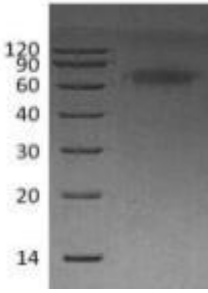


Recombinant Human DKK-3

Catalog#:P00769 Derived from Human Cells

DESCRIPTION	<p>Recombinant Human Dickkopf- Related Protein 3 is produced by our Mammalian expression system and the target gene encoding Ala22- Ile350 is expressed with a 6His tag at the C-terminus.</p> <p>Accession#: AAF02676.1</p> <p>Known as: Dickkopf- Related Protein 3; Dickkopf-3; Dkk-3; hDkk-3; DKK3; REIC</p>
FORMULATION	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.
SHIPPING	<p>The product is shipped at ambient temperature.</p> <p>Upon receipt, store it immediately at the temperature listed below.</p>
STORAGE	<p>Lyophilized protein should be stored at <-20°C, though stable at room temperature for 3 weeks.</p> <p>Reconstituted protein solution can be stored at 4-7°C for 2-7 days.</p> <p>Aliquots of reconstituted samples are stable at < -20°C for 3 months.</p>
RECONSTITUTION	<p><i>Always centrifuge tubes before opening. Do not mix by vortex or pipetting.</i></p> <p><i>It is not recommended to reconstitute to a concentration less than 100µg/ml.</i></p> <p>Dissolve the lyophilized protein in distilled water.</p> <p>Please aliquot the reconstituted solution to minimize freeze-thaw cycles.</p>
QUALITY CONTROL	<p>Mol Mass:37.22kDa AP Mol Mass:73kDa, reducing conditions.</p> <p>Purity: Greater than 95% as determined by reducing SDS-PAGE.</p> <p>Endotoxin: Less than 0.1 ng/µg (1 EU/µg) as determined by LAL test.</p>
BACKGROUND	<p>Dickkopf-related protein 3 (DKK3) belongs to the DKK protein family including Dkk- 1, 2, 3 and -4. DKK3 is a 350 amino acid secreted glycoprotein which is comprised of an N-terminal signal peptide and 2 conserved cysteine-rich domains that are separated by a 12 amino acid linker region. Dkk-3 also have one prokineticin domain. DKK3 is involved in embryonic development through its inhibition of the WNT signaling pathway. The Dkk family also includes Soggy, which is homologous to Dkk-3 but not to the other family members. Soggy has not been shown to inhibit Wnt signaling, and its role in the pathway is unclear.</p>
	<p style="text-align: center;">kDa MK R</p>  <p style="text-align: center;">SDS-PAGE</p>