

Dickkopf-Related Protein 1 Human Recombinant

Item Number	rAP-3186
Synonyms	Dickkopf-related protein 1, Dickkopf-1, Dkk-1, hDkk-1, SK, DKK1, dickkopf WNT signaling pathway inhibitor 1, Dickkopf 1 Homolog, Dickkopf Related Protein-1, Dickkopf-1 Like, Dickkopf-Like Protein 1, Dickkopf (Xenopus Laevis) Homolog 1, DKK-1.
Description	DKK1 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 258 amino acids (32-266 a.a) and having a molecular mass of 28.2kDa. DKK1 is fused to a 23 amino acid His-tag at N-terminus & purifies by proprietary chromatographic techniques.
Uniprot Accesion Number	O94907
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSTLNSVLN SNAIKNLPPP LGGAAGHPGS AVSAAPGILY PGG-NKYQTID NYQPYPYCAED EECGTDEYCA SPTRGGDAGV QICLACRKRR KRCMRHAMCC PGNYCKNGIC VSSDQNHFRG EIEETITESF GNDHSTLDGY SRRTTLSSKM YHTKGQEGSV CLRSSDCASGLCCARHFWSK ICKPVLKEGQ VCTKHRRKGS HGLEIFQRCY CGEGLSCRIQ KDHHQASNSS RLHTCQRH.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Formulation and Purity	DKK1 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.4M urea and 10% glycerol. Greater than 90.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**