

Dkk-1, 32-266aa, Human, His-tagged, Recombinant, Hi-5 cell

Cat.NO.: TP01884

3th Edition

Synonyms:Dickkopf-related protein 1, Dickkopf-1, hDkk-1, SK

Description:Dickkopf-related protein 1, also known as Dkk-1, is a member of the Dkk protein family including Dkk-1, 2, 3 and -4. It is a secreted protein with two cysteine rich regions and is involved in embryonic development through its inhibition of the WNT signaling pathway.

Form:Liquid. In PBS (pH 7.4) containing 30% glycerol, 2mM DTT, 2mM EDTA, 0.1mM PMSF.

Molecular Weight:27.8 kDa (253 aa), (On SDS-PAGE under denatured condition, apparent molecular weight of glycosylated rhDkk-1 protein will appear at approximately 40kDa)

Sequences:

ADPTLNSVLNSNAIKNLPPPLGGAAGHPGSAVSAAPGILYPGGNKYQTIDNYQPYPYCAEDEECGTDEYCASPTRGG
DAGVQICLACRKRRCMRHAMCCPGNYCKNGICVSSDQNHFRGEIETITESFGNDHSTLDGYSRRTTLSSKMY
HTKGQEGSVCLRSSDCASGLCCARHFWSKICKPVLKEGQVCTKHRRKGSHGLEIFQRCYCGEGLSCRIQKDHHQ
ASNSSRLHTCQRHSGRLVPRGSHHHHHH

Purity:> 95% by HPLC

Concentration:0.25 mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.