

## 32-8667: Recombinant Mouse Dickkopf-Like Protein 1/DkkL1/Soggy-1 (C-6His)(Discontinued)

**Gene :** Dkk1  
**Gene ID :** 50722  
**Uniprot ID :** Q9QZL9

### Description

Source: Human Cells.  
MW :25.5kD.

Recombinant Mouse Dickkopf-like protein 1 is produced by our Mammalian expression system and the target gene encoding Leu21-Leu230 is expressed with a 6His tag at the C-terminus. The glycoprotein Dickkopf-like1, also known as soggy-1, is a member of Dickkopf (Dkk) family which modulates Wnt signaling by binding to the Wnt co-receptor lipoprotein receptor-related protein (Lrp) via two Cys-rich regions. Dkk1 shows unique homology to a discrete region in Dkk3, however, it lacks the Lrp binding region that enables Wnt modulation. Dkk1 expression is gradually upregulated during the development of mouse testis and corresponds to the mouse spermatogenesis. Mouse Dkk1 is detected in the embryo, as well as in the developing skeleton, eyes and neural tissue. In adult animals the expression of Dkk1 is specific for spermatocytes and spermatids, where it regulates spermatocyte apoptosis mediated by Fas death ligand (FasL). Dkk1 plays a critical role in male mammalian spermatogenesis.

### 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 :** LPIHDVDSQQNTSGFLGLQRLQLQSFSLFLKNDLLRDLDNFFSSPMDFRDLPRNFHQEENQEHRMGNHTLSSH  
LQIDKVTDNQTGEVLISEKVEASIEPERNPEGDWKVPKVEAKEPPVPVQKVTDSLHPEPRQVAFWIMKMPRRRT  
QPDVQDGGRWLIEKRHRMQAIRDGLRGGAREDSLEDGVHIPQHAKLPVRKTHFLYILRPSQQLVDHHHHHHH

### Application Note

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