



**RayBiotech, Inc.**

The protein array pioneer company

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## Certificate of Analysis and Data Sheet

### Recombinant Human Dickkopf-related Protein 1

[Product Catalog # 230-00224](#)

#### *Synonyms*

Dickkopf-1, DKK-1.

#### *Source*

- *Escherichia coli* derived.
- Protein Accession #. NM\_012242, Thr32-His266.
- Containing an *N*-terminal 6× histidine tag

#### *Predicted Molecular Mass*

~ 26 kDa.

#### *Purity*

>95%, determined by SDS-PAGE under reducing conditions and visualized by Coomassie blue staining (see the image above).

#### *Formulation*

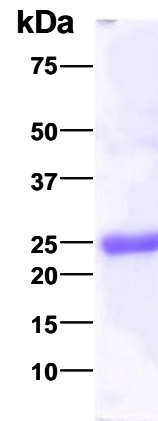
Liquid, clear solution. Supplied as a 0.2 µm filtered solution in 100 mM NaH<sub>2</sub>PO<sub>4</sub>, 10 mM Tris-HCl, 6 M urea, 0.5 M imidazole, pH 8.0.

#### *Concentration*

Lot specific (see the label on the vial).

#### *Stability & Storage*

Upon arrival, the protein may be stored for two weeks at 2 to 8 °C. For long term storage, it is recommended to add a carrier protein (0.1% HSA or BSA) and store at -20 °C or -80 °C in aliquots. **Avoid repeated freeze-thaw cycles.**



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**The products are furnished for LABORATORY RESEARCH USE ONLY.  
Not for therapeutic use.**