

Recombinant Human DKK2 Protein

Catalog #	Source	Reactivity	Applications
CRP1443	Human cells	Human	E, WB, SDS-PAGE, MS

Description Recombinant Human DKK2 Protein is produced by our mammalian expression system and the target gene encoding Asp251-Ile526 is expressed with a Fc tag at the N-terminus, 6His tag at the C-terminus.

Form Lyophilized from a 0.2 μ M filtered solution of 20mM PB, 150mM NaCl, pH 7.2.

Gene Symbol DKK2

Alternative Names Dickkopf-related protein 2; Dickkopf-2; Dkk-2; hDkk-2

Entrez Gene 27123 (Human)

SwissProt Q9UBU2 (Human)

Purity Greater than 95% as determined by reducing SDS-PAGE.

Chemical Structure EPKSCDKTHT CPPCPAPELL GGPSVFLFPP KPKDTLMISR TPEVTCVVVD VSHEDPEVKF
 NWYVDGVEVH NAKTKPREEQ YNSTYRVVSV LTVLHQDWLN GKEYKCKVSN KALPAIEKT
 ISKAKGQPRE PQVYTLPPSR EEMTKNQVSL TCLVKGFYPS DIAVEWESNG QPENNYKTP
 PVLDSGGSFF LYSKLTVDKS RWQQGNVFSC SVMHEALHNNH YTKSLSLSP GKVDGGGSGG
 GSGGGSRKRR MAALMRKDS SCCLLLAAV LMVESSQIGS SRAKLNSIKS SLGGETPGQA
 ANRSAGMYQG LAFGGSKKGGK NLGQAYPCSS DKECEVGRYC HSPHQGSSAC
 MVCRRKKKRC HRDGMCCPST RCNNGICIPV TESILTPHIP ALDGTQHRDR NHGHYSNHDL
 GWQNLGRPHT KMSHIKGHEG DPCLRSSDCI EGFCARHFW TKICKPVLHQ GEVCTKQRKK
 GSHGLEIFQR CDCAKGLSCK VWKDATYSSK ARLHVCQKIV DHHHHHH

Quality Control Endotoxin: Less than 0.1 ng/ μ g (1 IEU/ μ g) as determined by LAL test.

Directions for Use Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 μ g/ml. Dissolve the

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, CHIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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Product Data Sheet

lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

Storage/Stability

Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.

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