For research purposes only, not for human use

# Product Data Sheet

## Recombinant Human DDX58 Protein

| Catalog # | Source | Reactivity | Applications |
|---|---|---|---|
| CST2229 | E. coli | H | |

**Description** Recombinant Human DDX58 Protein is produced by E. coli expression system and the target gene encoding Ser91-Pro240 is expressed with C-terminus His tag.

**Form** Liquid in a 0.2 µm filtered solution of PBS, pH 7.4.

**Gene Symbol** DDX58

**Alternative Names** Probable ATP-dependent RNA helicase DDX58; DEAD box protein 58; RIG-I-like receptor 1; RLR-1; Retinoic acid-inducible gene 1 protein; RIG-1; Retinoic acid-inducible gene I protein; RIG-I

**Entrez Gene** 23586

**SwissProt** O95786

**Purity**

**Chemical Structure** SWDFKKIEKL EEYRLLLKRL QPEFKTRIIP TDIISDLSEC LINQECEEIL QICSTKGMMA GAEKLVECLL RSDKENWPKT LKLALEKERN KFSELWIVEK GIKDVETEDL EDKMETSDIQ IFYQEDPECQ NLSENSCPPS EVSDTNLYSP

**Quality Control**

**Directions for Use** Always centrifuge tubes before opening. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

**Storage/Stability** Store it at -20°C to -80°C for one year. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

**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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