

Recombinant Human DLL4 Protein

| Catalog # | Source | Reactivity | Applications |
|-----------|-------------|------------|---------------------|
| CRP2687 | Human cells | Human | E, WB, SDS-PAGE, MS |

| | |
|---------------------------|---|
| Description | Recombinant Human DLL4 Protein is produced by mammalian expression system and the target gene encoding Ser27-Pro524 is expressed |
| Form | Lyophilized from a 0.2 µm filtered solution of 20mM Tris, 150mM NaCl, pH7.5. |
| Gene Symbol | DLL4 |
| Alternative Names | Delta-like protein 4; Drosophila Delta homolog 4; Delta4 |
| Entrez Gene | 54567 (Human) |
| SwissProt | Q9NR61 (Human) |
| Purity | Greater than 95% as determined by reducing SDS-PAGE. |
| Chemical Structure | SGVFQLQLQE FINERGLAS GRPCEPGCRT FFRVCLKHFQ AVVSPGPCTF GTVSTPVLGT NSFAVRDDSS GGGRNPLQLP FNFTWPGTFS LIIEAWHAPG DDLRPEALPP DALISKIAIQ GSLAVGQNWL LDEQTSTLTR LRSYRVICS DNYYGDNCSR LCKKRNDHFG HYVCQPDGNL SCLPGWTGEY CQPICLSGC HEQNGYCSKP AECLCRPGWQ GRLCNECIPH NGCRHGTCST PWQCTCDEGW GGLFCDQDLN YCTHHSPCKN GATCSNSGQR SYTCTCRPGY TGVDCELELS ECDSNPCRNG GSCKDQEDGY HCLCPPGYG LHCEHSTLSC ADSPCFNGGS CRERNQGANY ACECPPNFTG SNCEKKVDRC TSNPCANGGQ CLNRGPSRMC RCRPGFTGTY CELHVSDCAR NPCAHGGTCH DLENGLMCTC PAGFSGRRCE VRTSIDACAS SPCFNATCY TDLSTDTFVC NCPYGFVGSR CEFPVGLPHH HHHHHHHH |
| Quality Control | Endotoxin: Less than 0.1 ng/µg (1 IEU/µg) 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 µg/ml. Dissolve the lyophilized protein in ddH ₂ O. Please aliquot the reconstituted solution to minimize |

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

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 $2-8^{\circ}\text{C}$ for 2-7 days.

Aliquots of reconstituted samples are stable at -20°C for 3 months.

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