

Recombinant Human CD26 Protein

Catalog #	Source	Reactivity	Applications
CRP2629	Human cells	Human	E, WB, SDS-PAGE, MS

Description Recombinant Human CD26 Protein is produced by mammalian expression system and the target gene encoding Asn29-Pro766 is expressed with a Fc tag at the N-terminus.

Form Liquid in a 0.2 µm filtered solution of PBS, pH7.4.

Gene Symbol DPP4

Alternative Names ADCP2; CD26; Dipeptidyl peptidase 4; ADABP; Adenosine deaminase complexing protein 2; ADCP-2; Dipeptidyl peptidase IV; DPP IV; T-cell activation antigen CD26; TP103; CD26

Entrez Gene 1803 (Human)

SwissProt P27487 (Human)

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

Chemical Structure GSGSDKTHTC PPCPAPELLG GPSVFLFPPK PKDTLMISRT PEVTCVVVDV SHEDPEVKFN WYVDGVEVHN AKTKPREEQY NSTYRVVSVL TVLHQDWLNG KEYKCKVSNK ALPAPIEKTI SKAKGQPREP QVYTLPPSRE EMTKNQVSLT CLVKGFYPSD IAVEWESNGQ PENNYKTTTP VLDSDGSFFL YSKLTVDKSR WQQGNVFSCS VMHEALHNHY TQKLSLSPG KIEGRNKGTD DATADSRKTY TLDYLNKNTY RLKLYSLRWI SDHEYLYKQE NNILVFNAEY GNSSVFLENS TFDEFGHSIN DYSISPDGQF ILLEYNYVKQ WRHSYTASYD IYDLNKRQLI TEERIPNNTQ WVTWSPVGHK LAYVWNNDIY VKIEPNLPSY RITWTGKEDI IYNGITDWVY EEEVFSAYSALWWSPNGTFL AYAQFNDTEV PLIEYSFYSD ESLQYPKTVR VPYPKAGAVN PTVKFFVNT DSLSSVTNAT SIQITAPASM LIGDHLYLCDV TWATQERISL QWLRRIQNYS VMDICDYDES SGRWNCLVAR QHIEMSTTGW VGRFRPSEPH FTLDGNSFYK IISNEEGYRH ICYFQIDKKD

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

CTFITKGTWE VIGIEALTSYD YLYYISNEYK GMPGGRNLYK IQLSDYTKVT CLSCELNPER
CQYYSVSFSK EAKYYQLRCS GPGLPLYTLH SSVNDKGLRV LEDNSALDKM LQNVQMPSKK
LDFIILNETK FWYQMILPPH FDKSKKYPLL LDVYAGPCSQ KADTVFRLNW ATYLASTENI
IVASFDGRGS GYQGDKIMHA INRRLGTFEV EDQIEAARQF SKMGFVDNKR IAIWGWSYGG
YVTSMVLGSG SGVFKCGIAV APVSRWEYYD SVYTERYMGL PTPEDNLDHY RNSTVMSRAE
NFKQVEYLLI HGTADDNVHF QQSAQISKAL VDVGVDFQAM WYTDEDHGIA SSTAHQHIYT
HMSHFIKQCF SLP

Quality Control

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

Directions for Use

Please 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.

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