

Recombinant Human TIE1 Protein

| Catalog # | Source | Reactivity | Applications |
|-----------|-------------|------------|---------------------|
| CRP2386 | Human cells | Human | E, WB, SDS-PAGE, MS |

Description Recombinant Human TIE1 Protein is produced by our Mammalian expression system and the target gene encoding Ala22-Gln760 is expressed with a 6His tag at the C-terminus.

Form Lyophilized from a 0.2 μM filtered solution of 20mM MES, 150mM NaCl, pH 5.5

Gene Symbol TIE1

Alternative Names TIE; Tyrosine-protein kinase receptor Tie-1

Entrez Gene 7075 (Human)

SwissProt P35590 (Human)

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

Chemical Structure AVDLTLLANL RLTDLPQRFFL TCVSGEAGAG RGSDAWGPPL LLEKDDRIVR TPPGPPLRLA
 RNGSHQVTLR GFSKPSDLVG VFSCVGGAGA RRTRVIYVHN SPGAHLLPDK VTHTVNLKGD
 AVLSARVHKE KQTDVIWKS NGSYFYTLDWH EAQDGRFLLQ LPNVQPPSSG IYSATYLEAS
 PLGSAFFRLI VRGCGAGRWG PGCTKECPGC LHGGVCHDHD GECVCPGFT GTRCEQACRE
 GRFGQSCQEQ CPGISGCRGL TFCLPDYGC SCGSGWRGSQ CQEACAPGHF
 GADCRLQCQC QNGGTCDRFS GCVCPGWHG VHCEKSDRIP QILNMASELE FNLETMPRIN
 CAAAGNPFV RGSIELRKPDTVLLSTKAI VEPEKTTAEF EVPRVLVADS GFWECRVSTS
 GGQDSRRFKV NVKVPPVPLA APRLLTKQSR QLVVSPLVSF SGDGPSTVR LHYRPQDSTM
 DWSTIVDPS ENVTLMNLRP KTGYSVRVQL SRPGE GEGA WGPPTLMTTD CPELLQPWL
 EGWHVEGTDR LRVSWSLPLV PGPLVGDGFL LRLWDGTRGQ ERRENVSSPQ ARTALLTGLT
 PGTHYQLDVQ LYHCTLLGPA SPPAHVLLPP SGPPAPRHLH AQALSDSEIQ LTWKHPEALP
 GPISKYVVEV QVAGGAGDPL WIDVDRPEET STIIRGLNAS TRYLFMRAS IQGLGDWSNT

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

VEESTLGNGL QAEGPVQESR AAEEGLDQQV DHHHHHH

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 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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