

Product Data Sheet

Recombinant Human MetaP2 Protein

Catalog #	Source	Reactivity	Applications
CRP2772	Baculovirus	H	E, WB, SDS-PAGE, MS
Description	Recombinant Human MetaP2 Protein is produced by Baculovirus expression system and the target gene encoding Ala2-Tyr478 is expressed with a 6His tag at the N-terminus.		
Form	Liquid in a 0.2 µm filtered solution of 20mM Tris, 500mM NaCl, 10% glycerol, pH8.0.		
Gene Symbol	METAP2		
Alternative Names	MNPEP; P67EIF2; Methionine aminopeptidase 2; MAP 2; MetAP 2; Initiation factor 2-associated 67 kDa glycoprotein; p67; p67eIF2; Peptidase M		
Entrez Gene	10988 (Human)		
SwissProt	P50579 (Human)		
Purity	Greater than 95% as determined by reducing SDS-PAGE.		
Chemical Structure	HHHHHHAGVE EVAASGSHLN GDLDPDDREE GAATAEEAA KKKRRKKKKK KGPSAAGEQE PDKESGASVD EVARQLERSA LEDKERDEDD EDGDGDGDGA TGKKKKKKKK KRGPKVQTDP PSVPICDLYP NGVFPKGQEC EYPPTQDGRT AAWRTTSEEK KALDQASEEI WNDFREAAEA HRQVRKYVMS WIKPGMTMIE ICEKLEDCSR KLIKENGLNA GLAFPTGCSL NNCAAHYTPN AGDTTVLQYD DICKIDFGTH ISGRIIDCAF TVTFNPKYDT LLKAVKDATN TGIKCAGIDV RLCDVGEAIQ EVMESYEVEI DGKTYQVKPI RNLNGHSIGQ YRIHAGKTVP IVKGGEATRM EEGEVYAIET FGSTGKGVVH DDMECSHYMK NFDVGHVPIR LPRTKHLLNV INENFGTLAF CRRWLDRLGE SKYLMALKNL CDLGIVDPYP PLCDIKGSYT AQFEHTILLR PTCKEVVSRRG DDY		
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. Please aliquot		

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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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.

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