

## SET Human Recombinant

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| <b>Item Number</b>                       | rAP-3981   |
| <b>Synonyms</b>                          | 2PP2A, I2PP2A, IGAAD, IPP2A2, PHAPII, TAF-I, TAF-IBETA, Protein SET, HLA-DR-associated protein II, Inhibitor of granzyme A-activated DNase, Template-activating factor I, SET.   |
| <b>Description</b>                       | SET Human Recombinant produced in <i>E. coli</i> is a single polypeptide chain containing 313 amino acids (1-290) and having a molecular mass of 35.9kDa. SET is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.  |
| <b>Uniprot Accesion Number</b>           | Q01105   |
| <b>Amino Acid Sequence</b>               | MGSSHHHHHH SSGLVPRGSH MGSMAPKRQS PLPPQKKPR PPPALGPEET SASAGLPKKG EKEQQEAIEH IDEVQNEIDR LNEQASEEIL KVEQKYNKLR QPFFQKRSEL IAKIPNFWVT TFVNHPQVSA LLGEEDDEAL HYLTRVEVTE FEDIKSGYRI DFYFDENPYF ENKVLSEFH LNESGDPSSK STEIKWKGK DLTKRSSQTQ NKASRKRQHE EPESFFTWF DHSDAGADEL GEVIKDDIWP NPLQYYLVPD MDDEEGEE GEGEE DDDDDDEEEEG LEDIDEEGDE DEGEEDEDDD EGEEGEEDEG EDD. |
| <b>Source</b>                            | Escherichia Coli.  |
| <b>Physical Appearance and Stability</b> | Sterile Filtered clear solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.   |
| <b>Formulation and Purity</b>            | The SET solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 20% glycerol and 1mM DTT. Greater than 90% as determined by SDS-PAGE.  |
| <b>Application</b>                       |  |
| <b>Solubility</b>                        |  |
| <b>Biological Activity</b>               |  |
| <b>Shipping Format and Condition</b>     | Lyophilized powder at room temperature.  |

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**