

## Flap Structure-Specific Endonuclease 1 Human Recombinant

<b>Item Number</b>	rAP-1070
<b>Synonyms</b>	FEN-1, MF1, RAD2, Maturation Factor-1, MF-1, Flap endonuclease 1, Flap structure-specific endonuclease 1, Maturation factor 1, hFEN-1, DNase IV, FEN1.
<b>Description</b>	FEN1 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 380 amino acids (1-380 a.a.) and having a molecular mass of 42.5 kDa. The FEN1 protein is purified by standard chromatography techniques.
<b>Uniprot Accession Number</b>	P39748
<b>Amino Acid Sequence</b>	<p>           MGIQGLAKLI ADVAPSAIRE NDIKSYFGRK VAIDASMSIY QFLIAVRQGG DVLQNEEGET TSHLMGMFYR            TIRMMENGIK PVYVFDGKPP            QLKSGELAKR SERRAEAEKQ LQQAQAAGAE QEVEKFTKRL VKVTKQHNDK CKHLLSLMGI            PYLDAPSEAE ASCAALVKAG KVYAAATEDM DCLTFGSPVL MRHLTASEAK KLPIQEFHLS            RILQELGLNQ EQFVLCILL GSDYCESIRG IGPKRAVDLI QKHKSIEEIV RRLDPNKYPV PENWLHKEAH            QLFLEPEVLD PESVELKWSE PNEEELIKFM CGEKQFSEER IRSGVKRLSK SRQGSTQGRL            DDDFFKVTGSL SSAKRKEPEP KGSTKKKAKT GAAGKFKRGK.         </p>
<b>Source</b>	Escherichia Coli.
<b>Physical Appearance and Stability</b>	<p>Sterile filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks.</p> <p>Store, frozen at -20°C for longer periods of time.</p> <p>For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).</p>
<b>Formulation and Purity</b>	The protein contains 20mM Tris-HCl buffer pH-8.0, 1mM DTT, 10% glycerol. Greater than 90.0% 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 ender users! This product is sold for **Research Use Only**