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## Product Data Sheet

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Product Name: YAE1D1 Human  
 Cat. No.: GP25033  
 Batch No.: 1

### Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Yae1 domain containing 1; C7orf361; GK003; Yae1 domain-containing protein 1; YAE1D1.		
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSMSWVQAA SLIQGPGDKG DVFDEEADES LLAQREWQSN MQRrvKEGYR DGIDAGKAVT LQQGFNQGYK KGAEVILNYG RLRGTLsALL SWCHLHNNNS TLINKINLL DAVGQCEEYV LKHLKSITPP SHVVDLLDSI EDMDLCHVVP AEKKIDEAKD ERLCENNAEF NKNCSKSHSG IDCSYVECCR TQEHASENP SPTWILEQTA SLVKQLGLSV DVLQHLKQL.		
Formulation	The YAE1D1 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 20% glycerol and 1mM DTT.		

### Stability

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.

### Background

YAE1D1 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 249 amino acids (1-226) and having a molecular mass of 27.7 kDa. YAE1D1 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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