# Protein Function

## Multi-Level Function Prediction

### GO Terms
- Molecular Function
- Biological Process
- Cellular Component

🐻 AI Model

Protein

### EC Numbers
EC 3.4.21.4
Serine protease
Catalytic activity

### Domains
Kinase domain
SH2 domain

### Interactions

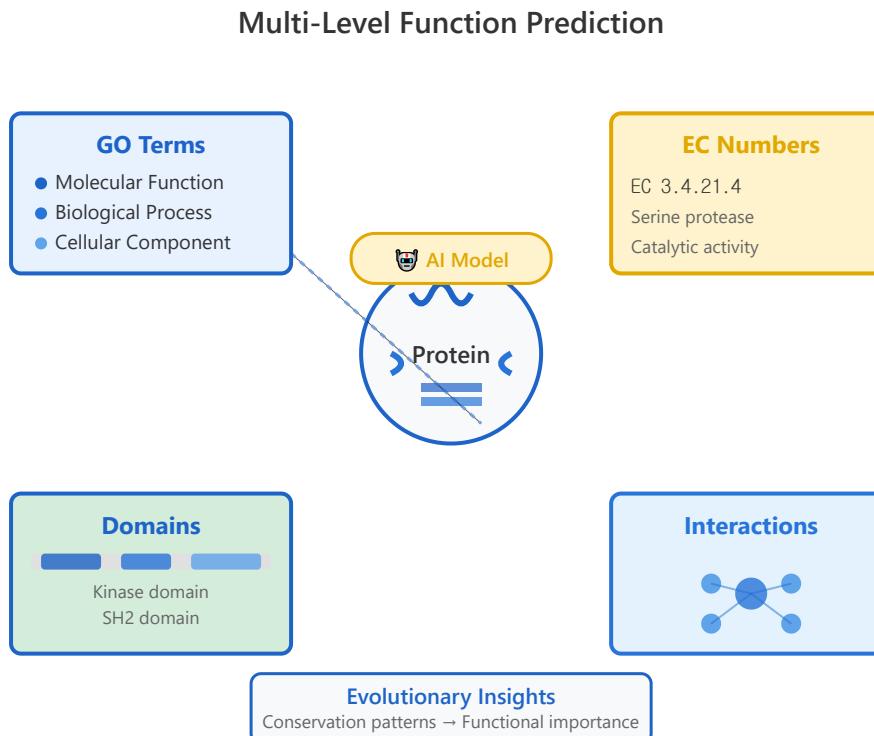### Evolutionary Insights
Conservation patterns → Functional importance

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**GO term prediction**
Molecular/biological/cellular

**EC number classification**
Enzyme commission numbers

**Domain annotation**
Functional regions identification

**Interaction prediction**
Protein-protein networks

**Evolutionary insights**
Conservation-function mapping