

Transaldolase Human Recombinant

Item Number	rAP-0842
Synonyms	TAL, TAL-H, TALDOR, TALH, TALDO1.
Description	TALDO1 Human Recombinant protein produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 357 amino acids (1-337) and having a molecular mass of 39.7 kDa. TALDO1 is fused to 20 amino acid His Tag at N-terminus and is purified by proprietary chromatographic techniques.
Uniprot Accession Number	P37837
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MSSSPVKRQR MESALDQLKQ FTTVVADTGD FHAIDEYKPQ DATTNPSLIL AAAQMPAYQE LVEEAIAYGR KLGGSQEDQI KNAIDKLFVL FGAEILKKIP GRVSTEV DAR LSFDKDAMVA RARRLIELYK EAGISKDRIL IKLSSTWEGI QAGKELEEQH GIHCNMTLLF SFAQAVACAE AGVTLISPFV GRILDWHVAN TDKKSYEPL
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile filtered colorless 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.
Formulation and Purity	TALDO1 1mg/ml protein solution contains 20 mM Tris-HCl buffer (pH 8.0) and 10% glycerol. Greater than 90.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	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**