

Developmental Pluripotency Associated 3 Human Recombinant

Item Number	rAP-3181
Synonyms	Developmental pluripotency-associated protein 3, Stella-related protein, DPPA3, STELLAR, STELLA.
Description	DPPA3 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 182 amino acids (1-159 a.a) and having a molecular mass of 20.2kDa.DPPA3 is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accesion Number	Q6W0C5
Amino Acid Sequence	MGSSHHHHHH SSSLVPRGSH MGSM DPSQFN PTYIPGSPQM LTEENSRDDS GASQISSETL IKNLS-NLTIN ASSEVSPLS EALLRRESVG AAVLREIEDE WLYSRRGVRT LLSVQREKMA RLRYMLLGGV RTHERRPTNK EPKGVKESR PFKCPCSFVCV SNGWDPSENA RIGNQDTKPL QP.
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	DPPA3 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea 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**