

Hairy and Enhancer of Split 2 Human Recombinant

Item Number	rAP-3365
Synonyms	bHLHb40, hairy and enhancer of split 2, Class B basic helix-loop-helix protein 40, HES2.
Description	HES2 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 196 amino acids (1-173 a.a.) and having a molecular mass of 20.9kDa.HES2 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	Q9Y543
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSMGLPRRA GDAAELRKSL KPILLEKRRRA RINQSLSQLK GLILPLLGRE NSNCSKLEKA DVLEMTVRFL QELPASSWPT AAPLP CDSYR EGYSACVARL ARVL- PACRVL EPAVSARLLE HLWRRASAT LDGGRAGDSS GPSAPAPAPA SAPEPASAPV PSPSPPCGP GLWRPW.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered clear 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	HES2 protein solution (1mg/ml) contains 20mM Tris-HCl buffer, (pH 8.0), 0.4M Urea and 10% glycerol. Greater than 80.0% 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**