

Hippocalcin-Like 1 Human Recombinant

Item Number	rAP-5066
Synonyms	Hippocalcin-Like 1, HLP2, BDR1, Calcium-Binding protein BDR-1, Visinin-Like protein 3, VILIP-3
Description	HPCAL1 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 213 amino acids (1-193a.a.) and having a molecular weight of 24.4kDa. The HPCAL1 is fused to 20a.a. His-Tag at N-terminus and purified by proprietary chromatographic techniques.
Uniprot Accession Number	P37235
Amino Acid Sequence	MGSSHHHHHH SSSLVPRGSH MGKQNSKLRP EVLQDLRENT EFTDHELQEW YKGLKDCPT GHLTVDEFKK IYANFFPYGD ASKFAEHVFR TFDNNGDGTI DFREFIIALS VTSRGKLEQK LKWAFFSMYDL DGNGYISRSE MLEIVQAIYK MVSSVMKMPE DESTPEKRTD KIFRQMDTNN DGKLSLEEFI RGAKS-DPSIV RLLQCDPSSA SQF
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	The HPCAL1 protein solution (1mg/1ml) contains 20mM Tris-HCl buffer (pH8.0) containing 1mM DTT 0.2M NaCl and 10% glycerol. Greater than 95.0% 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**