

Egl Nine Homolog 3 Human Recombinant

Item Number	rAP-3809
Synonyms	Egl nine homolog 3 (C. elegans), Hypoxia-inducible factor prolyl hydroxylase 3, Prolyl hydroxylase domain-containing protein 3, HIF-PH3, PHD3, egl nine-like protein 3 isoform, HIF prolyl hydroxylase 3, EC 1.14.11.29, HPH-1, HPH-3.
Description	EGLN3 Human Recombinant produced in E. coli is a single polypeptide chain containing 263 amino acids (1-239) and having a molecular mass of 29.8 kDa. EGLN3 is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	Q9H6Z9
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSHPMLGHI MRLDLEKIAL EYIVPCLHEV GFCYLDNFLG EVVGDCVLER VKQLHCTGAL RDGQLAGPRA GVSKRHLRGD QITWIGGNEE GCEAISFLLS LIDRLVLYCG SRLGKYVKE RSKAMVACYP GNGTGYVRHV DNPNGDGRCI TCIYYLNKNW DAKLHG- GILR IFPEGKSFIA DVEPIFDRLL FFWSDRRNPH EVQPSYATRY AMTVWYFDAE ERAEAKKKFR NLTRKTESAL TED
Source	E.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 EGLN3 solution (0.25mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 300mM NaCl, 5mM DTT, 2mM EDTA and 50% glycerol. Greater than 90% 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**