

## Biogenesis of Lysosomal Organelles Complex-1, Subunit 5 Human Re-

<b>Item Number</b>	rAP-3814
<b>Synonyms</b>	Biogenesis of lysosome-related organelles complex 1 subunit 5, BLOC-1 subunit 5, Protein Muted homolog, BLOC1S5, MUTED.
<b>Description</b>	BLOC1S5 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 210 amino acids (1-187 a.a) and having a molecular mass of 24kDa. BLOC1S5 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
<b>Uniprot Accesion Number</b>	Q8TDH9
<b>Amino Acid Sequence</b>	MGSSHHHHHH SSGLVPRGSH MGMSGGGTE TPVGCEAAPG GGSKKRDSL TAGSAHLLIK DLGEI-HSRLL DHRPVIQGET RYFVKEFEEK RGLREMRVLE NLKNMICHETN EHTLPKCRDT MRDLSQVQLQ-RLQAANDSVC RLQQREQERK KIHSDDLVAS EKQHMLQWDN FMKEQPNKRA EVDEEHRKAM ERL-KEQYAEK EKDLAKFSTF.
<b>Source</b>	Escherichia Coli.
<b>Physical Appearance and Stability</b>	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.
<b>Formulation and Purity</b>	BLOC1S5 protein solution (0.25mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.1M NaCl, 40% glycerol, 2mM DTT, 0.1mM PMSF and 1mM EDTA. Greater than 90.0% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	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 end users! This product is sold for **Research Use Only**