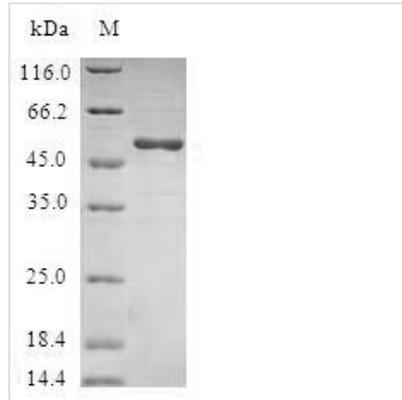




Recombinant Human Ras-related protein Ral-B(RALB)

Product Code	CSB-EP019297HU
Relevance	Multifunctional GTPase involved in a variety of cellular processes including gene expression, cell migration, cell proliferation, oncogenic transformation and membrane trafficking. Accomplishes its multiple functions by interacting with distinct downstream effectors. Acts as a GTP sensor for GTP-dependent exocytosis of dense core vesicles. Required both to stabilize the assembly of the exocyst complex and to localize functional exocyst complexes to the leading edge of migrating cells. Plays a role in the late stages of cytokinesis and is required for the abscission of the bridge joining the sister cells emerging from mitosis. Required for suppression of apoptosis.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	P11234
Storage Buffer	Tris-based buffer,50% glycerol
Product Type	Recombinant Protein
Species	Homo sapiens (Human)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	MAANKSKGQSSLALHKVIMVGS GG V GK SALT LQFM YDEFV E D Y E P T K A D S Y R K K V V L D G E E V Q I D I L D T A G Q E D Y A A I R D N Y F R S G E G F L L V F S I T E H E S F T A T A E F R E Q I L R V K A E E D K I P L L V V G N K S D L E E R R Q V P V E E A R S K A E E W G V Q Y V E T S A K T R A N V D K V F F D L M R E I R T K K M S E N K D K N G K K S S K N K K S F K E R C
Research Area	Signal Transduction
Source	E.coli
Gene Names	RALB
Protein Names	Recommended name: Ras-related protein Ral-B
Expression Region	1-206aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal GST-tagged
Mol. Weight	50.1kDa
Protein Description	Full Length

Image



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.