

Recombinant Human LACTB2 Protein

Catalog #	Source	Reactivity	Applications
CRP1869	E. coli	Human	E, WB, SDS-PAGE, MS
Description	Recombinant Human LACTB2 Protein is produced by our E.coli expression system and the target gene encoding Met1-Leu288 is expressed with a GST tag at the N-terminus.		
Form	Liquid in a 0.2 µM filtered solution of PBS, 1mM DTT pH7.5.		
Gene Symbol	LACTB2		
Alternative Names	Beta-lactamase-like protein 2		
Entrez Gene	51110 (Human)		
SwissProt	Q53H82 (Human)		
Purity	Greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.		
Chemical Structure	<p>MSPILGYWKI KGLVQPTRLLEYLEEKYEE HLYERDEGDK WRNKKFELGL EFPNLPYYID</p> <p>GDVKLTQSMA IIRYIADKHN MLGGCPKERA EISMLEGAVL DIRYGVSRIA YSKDFETLKV</p> <p>DFLSKLPEML KMFEDRLCHK TYLNGDHVTH PDFMLYDALD VVLYMDPMCL DAFPKLVCFK</p> <p>KRIEAIQID KYLKSSKYIA WPLQGWQATF GGGDHPPKSD LVPRGSHMAA VLQRVERLSN</p> <p>RVVRVLGCNP GPMTLQGTNT YLVGTGPRRI LIDTGEPAIP EYISCLKQAL TEFNTAIQEI</p> <p>VVTHWHRDHS GGIGDICKSI NNDTTYCIKK LPRNPQREEI IGNGEQQYVY LKDGDVIKTE</p> <p>GATLRVLYTP GHTDDHMALL LEEENAIFSG DCILGEGTTV FEDLYDYMNS LKELLKIKAD</p> <p>IIYPGHGPVI HNAEAKIQQY ISHRNIREQQ ILTLFRENFE KSFTVMELVK IYKNTPENL</p> <p>HEMAKHLLLL HLKLEKEGK IFSNTDPDKK WKAHL</p>		
Quality Control	Endotoxin: Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.		
Directions for Use	Always centrifuge tubes before opening. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.		

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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Product Data Sheet

Storage/Stability Store it at -20°C to -80°C for one year.

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