



Recombinant Human LIM/homeobox protein Lhx2 (LHX2)

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| Product Code | CSB-BP012920HU |
| Storage | Store at -20°C, for extended storage, conserve at -20°C or -80°C. |
| Uniprot No. | P50458 |
| Product Type | Recombinant Protein |
| Immunogen Species | Homo sapiens (Human) |
| Purity | >85% (SDS-PAGE) |
| Sequence | MLFHSLSGPE VHGVIDEMDR RAKSEAP AIS SAIDRGDTET TMPSISSDRA ALCAGCGGKI SDRYYLLAVD KQWHMRCLKC CECKLNLESE LTCFSKDGSI YCKEDYYRRF SVQRCARCHL GISASEMVMR ARDLVYHLNC FTCTTCNKML TTGDHFGMKD SLVYCRHLFE ALLQGEYPAH FNHADVAAAA AAAAAAKSAG LGAAGANPLG LPYYNGVGT V QKGRPRKRKS PGPGADLAAY NAALSCNEND AEHLDRDQPY PSSQKTKRMR TSFKHHQLRT MKSYFAINHN PDAKDLKQLA QKTGLTKRVL QVWFQNARAK FRRNLLRQEN TGVDKSTDAALQTGTPSGPA SELSNASLSP SSTPTTLTDL TSPTLPTVTS VLTSVPGNLE GHEPHSPSQT TLTNLF |
| Source | Baculovirus |
| Target Names | LHX2 |
| Protein Names | Recommended name: LIM/homeobox protein Lhx2 Short name= Homeobox protein LH-2 Short name= LIM homeobox protein 2 |
| Expression Region | 1-406 |
| Notes | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week. |
| Tag Info | Tag type will be determined during the manufacturing process. |
| Protein Length | Full length protein |
| Target Details | This gene encodes a protein belonging to a large protein family, members of which carry the LIM domain, a unique cysteine-rich zinc-binding domain. The encoded protein may function as a transcriptional regulator. The protein can recapitulate or rescue phenotypes in Drosophila caused by a related protein, suggesting conservation of function during evolution. |
| Reconstitution | We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference. |
| Shelf Life | 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.