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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **PROTEIN NAME** | **PROTEIN SIZE** | **EXPRESSION SYSTEM** | **LOCATION IN CELL** | **FORMATION TIME** | **NUMBER OF CRYSTAL/CELL** | **CRYSTAL SHAPE** | **CRYSTAL SIZE** | **SPACE GROUP** | **REFERENCE** |
| calcineurin | 79 kDa | Sf21 insect cells | cytoplasm | 3 days | 1 to 3 | cubic, rhomboid | <10 x 6 µm | n/d | Fan et al., *Micros Res Tech* (1996) [Ref 42] |
| cypovirus polyhedrin | 29 kDa | Sf9 insect cells | cytoplasm | 2-3 days | 1 to 10+ | cubic | ~5 µm per side | I23 | Coulibaly et al., Nature (2007) [Ref 9] |
| baculovirus polyhedrin | 29 kDa | Sf21 insect cells | cytoplasm nucleus | 2 - 3 days | >10 | cubic | 2-4 µm per side | I23 | Coulibaly et al., *PNAS* (2009) [Ref 10] |
| cathepsin B | 37 kDa | Sf9 insect cells | ER lumen | 3 - 8 days | 1 to 3 | needle-like | 10-15 µm length 0.5 - 1 µm width | P42212 | Koopmann et al., *Nature* (2012) [Ref 14] Redecke et al., *Science* (2013) [Ref 3] |
| inosine monophosphate dehydrogenase | 57 kDa | Sf9 insect cells | ER lumen | 3 - 6 days | 1 to 3 | needle-like | 10-30 µm length 1 µm width | P4212 | Nass KJ. PhD Thesis (2013) [Ref 43] |
| fireﬂy luciferase | 62 kDa | Sf9 insect cells | peroxisomes | 3 - 5 days | 1 - 5 | needle-like | <200 µm length 1-3 µm width | n/d | Schönherr et al., *Struct. Dyn.* (2015) [Ref 38] |
| GFP-µNS | 45 kDa | Sf9 insect cells | ER lumen | 4 days | 1 to 10+ | needle-like | <15 µm length <1-5 µm width | n/d | Schönherr et al., *Struct. Dyn.* (2015)[Ref 38] |
| immunoglobulin G | 150 kDa | CHO cells | ER lumen | 5 days | 1 to 30+ | needle-like | <60 µm length <7 µm width | n/d | Hasegawa et al., *J. Biol. Chem.* (2011) [Ref 39] |
| coral fluorescent Xpa protein | 26 kDa | HEK293 (also rat neuron & mouse fibroblast) | cytoplasm | 2 - 5 days | 1 | needle-like | ~7 µm length 4 µm width | P21212 | Tsutui et al. *Molecular Cell* (2015) [Ref 19] |
| PAK4:Inka1 complex | 41 kDa | COS-7 cells (also HeLa and HEK293) | cytoplasm | 2 days | 1 to 5 | needle-like | 50-100 μm in length <5 µm width | P63 | Baskaran et al., *Nat Comm* (2015) [Ref 29] |